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CORNELL UNIVERSITY  
LIBRARY

(LIBRARIAN'S) REPORT

1912-13









# CORNELL UNIVERSITY LIBRARY

## LIBRARIAN'S REPORT

1912-1913

To the President of the University:

SIR: I have the honor to submit herewith my annual report on the University Library for the year ending June 30th, 1913.

The following table shows the additions made to the various more or less independent collections composing the University Library and the present extent of each:

	Volumes Added 1912-13	Present extent in	
		Volumes	Pamphlets
General Library .....	11,280	362,019	64,000
Law Library .....	1,627	44,797	
Flower Veterinary Library .....	169	4,139	
Barnes Reference Library .....	104	2,003	
Goldwin Smith Hall Library .....	82	1,940	
Stimson Hall Medical Library .....	49	1,309	
Agricultural College Library .....	552	6,198	
Forestry Library .....	7	1,165	
Totals .....	13,870	423,570	64,000

The President White Library, the Fiske special collections and the eight seminary collections are not separately enumerated in the table, being included in the statistics for the general library. Of the additions to the general library (numbering 11,280 volumes) 3,766 volumes were gifts. Of the accessions to the other collections named in the table the gifts number 463 volumes for the Law Library, 5 volumes for the Flower Library, 11 volumes for the Stimson Hall Library, 29 volumes for the Goldwin Smith Hall Library, and 32 volumes for the Agricultural College Library.

Among the noteworthy gifts of the year are the following: From Mr. Arnold Haultain, five boxes containing papers bequeathed to him by Goldwin Smith, comprising diaries, accounts, correspondence, albums of newspaper cuttings, and also Mr. Haultain's own card bibliography of Goldwin Smith's writings; from the Rev. W. E. Griffis, three small collections of books on Dutch Literature, English Nonconformity, and the Pilgrim fathers of New England, a welcome



addition to the resources of the Library; from D. N. Crouse, an illuminated Arabic manuscript of the Koran; from the University of Michigan, a facsimile of the Washington manuscript of the Four Gospels in the Freer Collection; from the Royal Society of London, the memorial volume issued for the 250th anniversary of the Society, containing facsimiles of the signatures of the Founders, Patrons, and Fellows of the Society from its foundation to the present time; from A. R. Reed, '92, the privately printed Journal of Dr. John Morgan of Philadelphia in 1764; from the National Library of Chile, 110 volumes of Chilean documents; from the Rev. J. J. Rankin, a set of the Minutes of the General Assembly of the Presbyterian Church in the United States from 1855 to 1902; from Mrs. L. B. Warner, the *Eclectic Magazine* from its beginning in 1841 to 1873, completing the Library set. Ex-President White and Professor J. M. Hart have continued to show their interest in the Library by many important gifts, and valuable contributions have also been received from C. W. Wason, '74, T. Stanton, '76, and L. Coville, '86. To yourself and to many members of the University staff the Library as usual is greatly indebted for frequent gifts. From the United States government and from many state and municipal governments the usual supply of federal, state, and municipal documents has been received, and the British, Canadian, and Australian Patent Offices continue to send regularly to the Library their valuable publications. These and the other gifts of the year have been duly acknowledged and a complete list of the donors is submitted as an appendix to this report.

In addition to the income from the Sage Book Fund, one-third of the free income from the Fiske Fund was, by resolution of the Trustees, this year made available for the purchase of books, periodicals and for binding. This welcome addition to the current book funds made it possible to purchase a considerable number of important works and serials asked for by various departments. Noteworthy among these are the following: a collection of English plays, formed by T. F. Dillon Croker, comprising about 1700 plays, chiefly of the period from 1850 to 1880; *Le Museon*; *Horae Semiticae*; *Studia Sinaitica*; *Giornale della Societa Asiatica Italiana*; *Archivio Storico Lombardo*; *Revue des Etudes Grecques*; *Le Moyen Age*; *Hessische Blätter für Volkskunde*; *Mittheilungen der Schlesischen Gesellschaft für Volkskunde*; *Kritische Vierteljahrschrift für Gesetzgebung und Rechtswissenschaft*; the publications of the Canterbury and York Society, the Hampshire Record Society, the Somerset Record Society, the Worcestershire Historical Society, the William Salt Archaeological Society and the Yorkshire Archaeological Society; the Reports of the Commission on Municipal corporations in England and Wales; the Reports of the Jesup North Pacific Expedition; *Archiv für Zellforschung*; the *Ibis*; *Novitates Zoologicae*; *Internationale monatschrift für Anatomie und Physiologie*; *Macquart's Diptères exotiques*; *Festschrift für E. Haeckel*; *Festschrift für R. Hertwig*; *Hooker's Flora Antarctica*; *Hagen's Atlas Stellarium variabilium*; *Kent's Manual of the Infusoria*; *Testut's Traité d'Anatomie humaine*; *Handwörterbuch der sozialen Hygiene*; *Encyclopaedia of Accounting*; *Foster's English Factories in India 1618-41*; *Zeiller's Spalato*; *Planat's Le Style Louis XIV*; *Uhde's Baudenkmäler in Grossbritannien*; *Vitry's Hotels et Maisons de la Renaissance française*; *Allgemeines Lexikon der bildenden Künstsler*; *Gout's Le Mont-Saint-Michel*; *Vallance's Old Colleges of Oxford*; *Early Records of the Town of Providence*;



the Bostonian Society's publications; Paulding's works; Bibliographica; Haslewood's edition of the *Mirror for Magistrates*; the 1692 edition of Ben Jonson's *Works*; P. L. Roederer's *Oeuvres complètes*; the 1539 edition of Boccaccio's *De Claris Mulieribus*; the 1494 edition of Strabo *De Situ Orbis*; facsimiles of Cicero's *De Natura Deorum* (codex Heinsianus), and of Lucretius *De Rerum Natura* (codex Vossianus); a brief life of Petrarch, based upon the life by Rovillio, printed about 1600, on a folio sheet of vellum, from a 14th century manuscript, from which the writing has been erased, leaving traces partly legible; of this typographical curiosity only three copies seem to be known, one in the National Library, Paris, one in the British Museum, and this one in the Fiske Petrarch collection. During the year the following sets have been completed: *Proceedings of the Boston Society of Natural History*, *Gazette des Beaux Arts*, *Kongliga Svenska Vetenskaps Akademiens Handlingar*, *Revue de Philologie*, and progress has been made in completing several others.

Dr. A. C. White reports that the work of the accessions and classification department has gone on regularly during the year. Only two changes of importance have been made; the collection of annual laws of the principal continental European nations, previously shelved with *Law* has been re-marked to the division of Public Documents (D) in anticipation of its transfer to the new stacks now in process of erection; general periodicals, which were placed with the literature of their respective languages, have now been made a separate division (B), and will also be shelved in the new stacks.

From the catalogue department Miss Thornburg reports that the number of volumes, pamphlets, and maps catalogued for the general card catalogue during the year was 13,891; for these 16,572 cards were written and 2,407 printed cards were obtained from the Library of Congress, making a total of 18,979 cards added to the catalogue. In September Miss C. A. Van Natten resigned her position as cataloguer to accept an appointment in the New York Public Library, and in her place Miss Elizabeth Van Denburgh (A.B. '11) was appointed.

Miss Fowler, the curator of the Dante and Petrarch collections, reports that, besides caring for the regular accessions, the revision of Mr. Fiske's card catalogue of the Petrarch collection, in preparation for printing it, has been carried on steadily throughout the year and the work is now well advanced.

Mr. Hermannsson, the curator of the Icelandic collection reports that the revised catalogue of the collection is now passing through the press, and that he has read the page proofs of 476 pages. He has also prepared, as volume six of *Islandica*, a list of living Icelandic authors, giving brief biographical sketches and lists of their writings. This is also in the hands of the printer and will be issued in July.

Professor Burr, the Librarian of the President White Historical Library, makes the following report:

Owing to my absence last year on sabbatical leave, no report has been made you from the President White Library since two years ago. During the interval the growth of the library has been steady. The income of the *Warfare of Science*, which in 1911 amounted to \$307, was in 1912, \$248, and has been used mainly, as hitherto, to build up the collections in which the library is eminent; and this fund has been supplemented by many fresh gifts from Ex-President White. The appreciative words of the young scholar who has lately given the world the first careful book on the history of witchcraft in England, and who in it, after



thanking the great public and academic libraries in which he made research in England and America, acknowledges his deeper obligation to "the unrivalled White collection at Cornell," have quickened Mr. White's interest, I think, in this side of his library, and he has authorized me to become a bidder for the notable collection of a European jurist in this field, or, in case of our failure to secure it, to expend the same amount in other purchases on this subject.

One of our graduates who has since been a member of the Faculty of another University has this summer undertaken a study of our annotated volumes which once belonged to Leigh Hunt; and our discovery in connection with this that one of these works had strayed from the locked presses to the open shelves led us to a general verification of all the treasures received from Mr. White—the books from the libraries of Buckle, Macaulay, Gray, Southey, Lamb, Webster, Maximilian of Mexico, and other men of note. From Buckle's library we find that we possess no less than 217 volumes, nearly all annotated or marked by him, though a considerable number of Mr. White's purchases from this library remained to him as duplicates of books already possessed by the University. Though no harm seems to have come to these beside legitimate wear and the loss of a couple of bookplates, and though we do not find that any other of these treasures has been lost since they entered into the full possession of the University Library and were recorded in its shelf-lists, it has seemed wise to list them now more carefully, to restrict more closely their use, and to withdraw a larger number of them to the custody of the locked presses.

Mr. W. H. Austen, Assistant Librarian in charge of the reference and loan departments of the general library, in submitting the statistics of the recorded use of the books, reports as follows:

The removal of many books, not duplicates, from the general library to department collections has gone on as heretofore, and each year the increased number of such books limits the usefulness of the general library. Most of these department collections being closed before 9 a.m. and after 5 p.m. works hardship to those needing the books for use during these hours, as copies are not to be had in the general library. To obviate this the books so transferred should be limited to duplicates, or these collections should be open evenings. With the increased number of users of the library the problem of preventing, as much as possible, the inevitable conflict of use increases in difficulty. This conflict is seldom found between students and teachers, but rather between readers of these respective classes. Experience has shown that teachers rarely need books out in the hands of students, although students do frequently ask for books drawn out by instructors. The most serious problem for a long time was that of preventing one teacher from interfering with others, working in his own field or in a totally different one. This came from one man's having out at one time more books than he could constantly be in need of, and chiefly from his practice of retaining books long after they were no longer needed. This was particularly true in regard to bound periodicals. It is now several years since the rules of limiting books not in a teacher's own field of work to one month, and also of putting a time limitation on all periodical literature were put into practice. These two restrictions have served to recall to the library much material that was no longer needed, and in that way the subsequent demands for these books have been met when made without waiting to recall such books when asked for. At the present time volumes of bound periodicals are not charged to laboratory accounts, unless the set as a whole may properly be so dealt with, but are carried on personal accounts and the borrower reminded at the end of each month that the volume is wanted back in the library as soon as the present need is satisfied. This is also true of books apparently lying outside a borrower's own field of work, and in this way an attempt is made to limit the books out of the library to those in actual use. It might be possible to enforce more strictly the rule limiting the number of books any one borrower may have out at a given time, and thus prevent any one borrower from retaining more books, even in his own field, than he can be in need of.



The following table shows the recorded use of the books, representing, probably, about one-third of the actual use made of the books in the library:

REFERENCE AND DEPARTMENT USE		
	1911-12	1912-13
Volumes used in reading room.....	77,064	86,187
Volumes sent to seminary rooms.....	3,602	3,882
Volumes sent to departments.....	5,521	5,654
HOME USE		
Volumes from general library.....	24,236	24,998
Volumes from open shelf circulating library.....	6,050	5,657
Lent to other libraries.....	274	196
Total recorded use.....	116,747	126,574

The registered users of the general library are as follows: University officers 461, students 621, special borrowers 10. During the year we have borrowed from other libraries 159 volumes and have lent to other libraries 196 volumes. The number of students who have registered and taken books for home use from the open shelf circulating collection was 829 and the number of officers 261. The number of readers who took advantage of the open shelf arrangement and used the books in the room, without taking them for home use, was 4,303. During the year 26 volumes were temporarily recalled from this collection for class use in the general library.

The recommendation made in my last report concerning the erection of book stacks in the lecture room was adopted by the Trustees, and a contract was made with the Art Metal Construction Company for the erection of a two-story stack, containing 9,194 feet of steel shelving, which is now being installed and will be ready to use before the end of the summer session. This will relieve the congestion in the present stacks and provide for the ordinary accessions of the next few years.

Mr. W. W. Ellis, curator of the shelves reports that the inventory of the shelves revealed 292 volumes on the wrong shelves as against 274 last year and 318 the year before. More than this number were also found misplaced numerically though on the right shelf. The number of books missing from the stacks this year is 523. In addition to the regular routine inspection of new books before sending them to the shelves, Mr. Ellis has prepared carefully detailed plans for the changes to be made in consequence of our occupation of the new stacks, in order that no unnecessary moving or confusion may take place when the book-moving begins. The changes planned involve the transfer of so many books from the west and south stacks, and the consequent re-arrangement of so large a portion of the library, that it will be necessary to employ some extra help in order to complete the work before the opening of the next term in September.

In the first term of the year Mr. Austen gave his regular course of lectures on the arrangement and use of books, and in the second term a course of practical exercises. In the second term the two-hour course in general bibliography was given by the Librarian. The annual record of publications by the University and its officers has been prepared by Miss Thornburg and the list of donors by Miss Leland and will accompany this report.



On the occasion of the centenary of the birth of Richard Wagner, an exhibition of works by and about the composer was prepared, with the assistance of Professor Pope, for the show cases in the White Historical Library. Here were displayed many portraits of Wagner and his friends, facsimiles of his autograph musical scores and letters, and a number of handsomely illustrated editions of his operas.

Notwithstanding the additional appropriation made this year for the purchase of books and periodicals, the library is still relatively no better able to meet the demands made upon it than it was twelve years ago. There are many subjects of importance for which no regular provision can be made from the present library funds. Here, as I have more than once pointed out, a great field is open to the Alumni, with numerous opportunities to help in building up the library by contributions, either of books, or of money for the purchase of books. Even small endowments of one or two thousand dollars, the income to be spent for the purchase of books in a given field or period, would gradually build up important collections, which would greatly enhance the value and usefulness of the library for scholarly work. Gifts of miscellaneous publications, especially of privately printed works and of local historical material, such as society and municipal reports and documents, are always welcome.

Respectfully submitted,

GEO. WM. HARRIS,  
Librarian.



# CORNELL UNIVERSITY

## PUBLICATIONS, 1912-13

### Under the Auspices of the University

- Official publications of Cornell University. Vol. iii. no. A-C., no. 14-18; vol. iv. no. A-B, no. 1-12. Ithaca, 1912-13. 22 nos. 8°. Illus.
- Contents:—iii. A. The dedication of Rand Hall, May 23, 1912.  
iii. B. Directory, Cornell University, first term, 1912-13.  
iii. C. Report of the Treasurer of Cornell University for the fiscal year ending August 1, 1912.  
iii. 14. N. Y. State College of Agriculture: announcement, 1912-13.  
iii. 15. N. Y. State College of Agriculture: announcement of winter courses, 1912-13.  
iii. 16. General Circular of Information, 1912-13. New ed. Oct. 1, 1912.  
iii. 17. N. Y. State College of Agriculture, announcement of the Department of Forestry, 1912-13.  
iii. 18. Twentieth annual report of President Schurman, 1912-13.  
iv. A. Directory, Cornell University, second term, 1912-13.  
iv. B. Ezra Cornell; the first Goldwin Smith lecture, delivered on Founder's Day, January 11th, 1913, by James Morgan Hart.  
iv. 1. General Circular of Information, 1913-14.  
iv. 2. Announcement of the Sibley College of Mechanical Engineering and the Mechanic Arts, 1913-14.  
iv. 3. Announcement of the Graduate School, 1913-14.  
iv. 4. Announcement of courses for the training of teachers and supervisors of music in the 22d Summer Session, July 5 to August 15, 1913.  
iv. 5. Announcement of the College of Civil Engineering, 1913-14.  
iv. 6. Announcement of the N. Y. State Veterinary College, 1913-14.  
iv. 7. Announcement of the 22d Summer Session, July 7-August 15, 1913.  
iv. 8. Announcement of the 3rd Summer School in Agriculture, July 7-August 15, 1913.  
iv. 9. Announcement of the College of Law, 1913-14.  
iv. 10. Samples of entrance and scholarship examination papers, 1912.  
iv. 11. Announcement of the College of Arts and Sciences, 1913-14.  
iv. 12. Announcement of the College of Architecture, 1913-14.  
Announcer of the College of Agriculture, published by the New York State College of Agriculture at Cornell University. Vol. ii. no. 1-9. Oct., 1912-June, 1913. Ithaca. 9 nos. f°.  
Bulletin of the Cornell University Agricultural Experiment Station. No. 317-333. July, 1912-June, 1913. Ithaca, 17 nos. 8°. Illus.  
Circular of the Cornell University Agricultural Experiment Station. no. 13-20. Oct. 1912-May, 1913. Ithaca. 8 nos. 8°.  
The Cornell civil engineer, Vol. xxi. Oct., 1912-June, 1913. Ithaca. 8°. pp. iv. + 388 + (2). Illus.  
The Cornell Countryman, Vol. x. Oct. 1912-June, 1913. Ithaca. 8°. pp. 296. Illus.  
The Cornell reading-courses. Vol. i, no. 19-24; ii. no. 25-40. Oct., 1912-June, 1913. Ithaca. 18 nos. 8°. Illus.  
Cornell rural school leaflet; A. G. McCloskey, editor. Vol. vi. Sept., 1912-March, 1913. Ithaca. 8°. pp. 350. Illus.  
Cornell University medical bulletin. Vol. ii. no. 1-3. New York, 1912-1913. 3 nos. 8°. Illus.  
Contents:—ii. 1. Announcement of the Medical College, New York and Ithaca, 1912-1913.  
ii. 2. Studies from the Department of Physiology.



ii. 3. Studies from the Department of Medicine, including therapeutics, applied pharmacology, and dermatology.

Cornell University weekly calendar. Vol. v. no. 1-35. Sept. 23, 1912-June 13, 1913. Ithaca. 35 nos. f°. Broadside.

The Cornell veterinarian. Vol. ii. no. 2—iii. no. 1. Jan.—June, 1913. 2 nos. 8°. Illus.

Islandica: an annual relating to Iceland and the Fiske Icelandic Collection in Cornell University Library, edited by G. W. Harris. Vol. vi. Ithaca, 1913. 8°. pp. xiv. + 69.

Contents:—vi. Icelandic authors of to-day, by H. Hermannsson.

Journal of physical chemistry; editor, W. D. Bancroft. Vol. xvi. no. 7-xvii. no. 6, Oct. 1912-June, 1913. Ithaca, 1913. 9 nos. 8°. Illus.

Issued monthly except in July, August, and September.

The philosophical review, edited by J. E. Creighton with the coöperation of J. Seth. Vol. xxi. no. 4—xxii. no. 3. July, 1912-May, 1913. 2m. New York. 6 nos. 8°.

The physical review, a journal of experimental and theoretical physics; conducted, with the coöperation of the American Physical Society, by E. L. Nichols, E. Merritt, and F. Bedell. Vol. xxxv., July-Dec., 1912. Lancaster, Pa., 1912. pp. iv + 494. 8°. Illus.

Publication transferred to the American Physical Society after 1912.

Publications of Cornell University Medical College: Studies from the Department of Anatomy. Vol. iii. New York, 1912-13. 8°. pp. var. Illus.

Report of the New York State Veterinary College for the year 1911-12, transmitted to the Legislature Jan. 27, 1913. Albany, 1913. 8°. pp. 182.

#### By Officers

In the present list are included the titles of books, pamphlets, and contributions to periodicals, transactions, etc., published by officers and fellows of the University during the period extending from July 1, 1911, to June 30, 1912, with some titles omitted in previous lists.

**Adams, J. Q., jr.** Every woman in her humor, and The dumb knight. (Mod. Philol., x (1913), 413.)

— Peter Hausted's The rivall friends, with some account of his other works. (Jour. of English and Germ. Philol., xi (1912), 433.)

— Some notes on Hamlet. (Mod. Lang. Notes, xxviii (1913), 39.)

— [Review of] How a man may choose a good wife from a bad, edited by A. E. H. Swaen. (Same, xxviii (1913), 107.)

— associate editor. Materialien zur Kunde des älteren englischen Dramas. Louvain, Belgium. 1912-1913.

**Albee, E.** [Reviews of] Founders of modern psychology, by G. S. Hall. (Philos. Rev., xxii (1913), 222.); Kant and his philosophical revolution, by R. M. Wenley. (Same, xxi (1912), 683.); The principle of individuality and value, by B. Bosanquet. (Same, xxii (1913), 308.); A short history of ethics, Greek and modern, by R. A. P. Rogers. (Same, xxi (1913), 701.)

**Alexander, C. P.** The American species of adelphomyia Bergroth (tipulidæ, dipt.). (Pomona Jour. of Entomol., iv (1912), 829.)

— A Bromeliad-inhabiting crane-fly (tipulidæ, dipt.). (Entomol. News, xxiii (1912), 415.)

— New nearctic tipulidæ (diptera). (Psyche, xix (1912), 163.)

— New neotropical antochini (tipulidæ, dipt.). (Same, xx (1913), 40.)

— New neotropical tipulinae (tipulidæ, dipt.). (Annals of the Entomol. Soc. of America, v (1912), 343.)

— A new species of dixia from Chili (dixidæ, dipt.). (Entomol. News, xxiv (1913), 176.)

— New species of furcomya (tipulidæ). (Canadian Entomologist, xlv (1912), 333, 361.)

— A new tropical gonomyia (tipulidæ, dipt.). (Entomol. News, xxiii (1912), 418.)



— On the tropical American rhipidiæ (tipulidæ, dipt.). (Bull. of the Brooklyn Entomol. Soc., viii (1912), 6.)

— A revision of the genus brachypremna Osten Sacken (tipulidæ, dipt.), (Jour. of the N. Y. Entomol. Soc., xx (1912), 225.)

— A revision of the South American dipterous insects of the family ptychop-  
teridæ. (Proc. of the U. S. National Museum, xlv (1913), 331.)

— A synopsis of part of the neotropical crane-flies of the sub-family  
limnobiinæ. (Same, xlv (1913), 481.)

— and **M. D. Leonard**. A new palæarctic geranomyia (tipulidæ, dipt.).  
(Canadian Entomologist, xlv (1912), 205.)

**Allen, A. A.** Bird boxes. (Cornell Rural School Leaflet, vi (1913), 209.)

— How the swallows learned to hunt. (Country Life in America, xxiii  
(1913), 43.)

— The peeper (hyla Pickeringii). (Cornell Rural School Leaflet, vi (1913),  
337.)

— Phoebe vs. catbird, a study in adaptability. (Bird Lore, xiv, (1912)  
269.)

— and **H. H. Knight**. The duck hawks of Taughannock gorge. (Same,  
xv (1913) 1.)

**Anderson, R. P.** A portable Pettersson-Palmqvist apparatus. (Jour. of  
the Amer. Chem. Soc., xxxv (1913), 162.)

**Andrews, A. L.** Notes on North American sphagnum. III-IV. (Bryolo-  
gist, xv-xvi (1912-1913), 63, 70, 20.)

— Philological aspects of the "Plants of Wineland the Good." (Rhodora,  
xv (1913), 28.)

— Studies in the Fornaldarsögur Nordrlanda. I. The Hrómundar saga  
Gripssonar §6. (Mod. Philol., x (1913), 601.)

**Atkinson, G. F.** Gautieria in the eastern United States. (Botan. Gazette,  
liv (1912), 538.)

— Is the biennial habit of oenothera races constant in their native localities?  
(Science, xxxvii (1913), 716.)

— The perfect stage of the ascochyta on the hairy vetch. (Botan. Gazette,  
liv (1912), 537.)

[Papers from the laboratory of G. F. Atkinson.] The brown leaf spot of colt's  
foot, tussilago farfara L., by F. A. Wolf. (Annales Mycologici, x (1912), 65.);  
A disease of the cultivated fig, ficus carica L., by F. A. Wolf. (Same, ix (1911),  
622.); Life history of some species of ascochyta, by R. E. Stone. (Same, x (1912),  
565.); A new wood-destroying fungus, by A. Ames. (Botan. Gazette, lv (1913),  
397.); The perfect stage of actinonema rosae, by F. A. Wolf. (Same, liv. (1913),  
216.); Some fungous diseases of the prickly pear, opuntia Lindheimeri Engelm, by  
F. A. Wolf. (Annales Mycologici, x (1912), 114.); Spore formation in podo-  
spora anserina (Rabh.) Winter, by F. A. Wolf. (Same, x (1912), 60.); Studies in  
pleurotus, by C. D. Learn. (Same, x (1912), 542.); Studies in the development  
of xylaria, by H. B. Brown. (Same, xi (1913), 1.)

**Austen, W.** Rights of the users of a college and University library, and how to  
preserve them. (Public libraries, xviii (1913), 6.)

**Bailey, E. J.** Studies in English masterpieces, xxi-xxiv. Albany, N. Y.,  
1912. 4 nos. 32°.

— Outlines of English masterpieces; a series of ten articles. (Amer.  
Education, xvi (1912-1913).)

— [Review of] Browning and his century, by H. A. Clarke. (South Atlantic  
Quarterly, xii (1913), 175.)

**Bailey, H. C.** See **Murlin, J. R.**, and **H. C. Bailey**.

**Baldwin, W. M.** Die Entwicklung der Fasern der Zonula Zinnii im Auge der  
weissen Maus nach der Geburt. (Archiv für mikroskopische Anatomie, lxxx  
(1912), 274.)

— Muscle fibres and muscle cells of the adult white mouse heart. (Anato-  
mischer Anzeiger, xlii (1912), 177.)

— The relation of muscle cell to muscle fibre in voluntary striped muscle.  
(Zeitschrift für allgemeine Physiologie, xiv (1913), 130.)



— The relation of muscle fibrillae to tendon fibrillae in voluntary striped muscles of vertebrates. (*Morphologisches Jahrbuch*, xlv (1913), 249.)

— The relation of the sarcolemma to the muscle cells of voluntary vertebrate striped muscle fibres and its morphological nature. (*Zeitschrift für allgemeine Physiologie*, xiv (1913), 146.)

**Bancroft, W. D.** The chemical action of light. (8th Internat. Congress of Applied Chem., xx (1912), 31.)

— Chemical production of light. (*Jour. of the Franklin Institute*, clxxv (1913), 129.)

— Chemiluminescence. (8th Internat. Congress of Applied Chem., xx (1912), 25.)

— The double spectrum of sodium chloride. (Same, xx (1912), 37.)

— The effect of bromide. (Same, xx (1912), 45.)

— The latent image. (Same, xx (1912), 51.)

— The permanency of paintings. (Same, xx (1912), 59.)

Also in the *Jour. of Physical Chem.*, xvi (1912), 529.

— The photochemical oxidation of benzene. (Same, xx (1912), 75.)

Also in the *Jour. of Physical Chem.*, xvi (1912), 556.

— The photographic plate IX. (*Jour. of Physical Chem.*, xvii (1913), 93.)

— The study of environment. (*Biochem. Bull.*, i (1912), 382.)

— The theory of emulsification. IV-V. (*Jour. of Physical Chem.*, xvi-xvii (1912-1913), 739, 501.)

— and **T. R. Briggs.** Blue gelatine-copper. (8th Internat. Congress of Applied Chem., xxii (1912), 7.)

Also in *Jour. of Industrial and Engineering Chem.*, v (1913), 9, and *Trans. of the Amer. Electrochem. Soc.*, xxii (1912), 287.

— and **M. A. Gordon.** The silver equivalent of hydroquinone. (Same, xx (1912), 101.)

— — The protective action of sulphite. (Same, xx (1912), 115.)

— and **J. M. Lohr.** The tensile strengths of the copper-zinc alloys. (Same, ii (1912), 9.)

— — and others. Rapid testing of dyes and pigments, by W. D. Bancroft, A. S. Elsenbast and G. E. Grant. Same, xx (1912), 91.)

— — The second positive, by W. D. Bancroft, A. S. Elsenbast and G. E. Grant. (Same, xx (1912), 83.)

— — Study of a small carborundum furnace, by W. D. Bancroft, L. V. Walker, and C. F. Miller. (Same, xxi (1912), 19.)

Also in *Trans. of the Amer. Electrochemical Soc.*, xxii (1912), 73.

[Papers from the laboratory of W. D. Bancroft, published in the 8th Internat. Congress of Applied Chem.]: Color photography of luminescence by E. F. Farnau and J. M. Lohr, xx (1912), 137; The effect of pressure on the color of amorphous substances by E. F. Farnau, xx (1912), 129; The effect of temperature on cathodoluminescence by E. F. Farnau, xx (1912), 133; Experiments on crystal-luminescence, by E. F. Farnau, xx (1912), 127.

[Papers from the laboratory of W. D. Bancroft, published in the *Jour. of Physical Chem.*]: Anhydrous sodium sulphate and water by D. T. Wilber, xvii (1913), 556; Colloidal suspension of graphite by H. L. Doyle, xvii (1913), 390; The electro-chemical production of colloidal copper by T. R. Briggs, xvii (1913), 281; Indirect analysis of a ferric oxide gel. by H. B. Weiser, xvii (1913), 536; The photosensitiveness of Fehling's solution by A. Leighton, xvii (1913), 205; Rapid testing of dyes and pigments by G. E. Grant and A. S. Elsenbast, xvi (1912), 546; The second positive by A. S. Elsenbast and G. E. Grant, xvi (1912), 662; The silver equivalent of hydroquinone by M. A. Gordon, xvii (1913), 47; Studies on cellulose by E. G. Parker, xvii (1913), 219.

Also about sixty book reviews in the *Journal of Physical Chemistry*.

— editor. *Journal of Physical Chemistry*.

**Barnard, W. N.** See **Hirshfeld, C. F.**, and **W. N. Barnard**.

**Barnes, F. A.** See **Crandall, C. L.**, and **F. A. Barnes**.

**Barrus, M. F.** Late blight and rot of potatoes. (*Circular of the Cornell Univ. Agr. Exp. Sta.*, no. 19 (1913), 77.)



**Bauer, J.** The accountancy of interest and discount on notes. Article 1. (Jour. of Accounting, xiii (1912), 248.)

——— Same. Article 2. (Same, xv (1913) 341.)

——— The moral aspects of the increasing cost of living. Address delivered at the First Baptist Church, Sunday evening 26 Jan., 1913. (Ithaca Daily Jour., 28 Jan., 1913.)

——— N. Y. Workmen's Compensation Act unconstitutional. (Amer. Economic Rev., i (1911), 634.)

——— The problem of rural credit. (Cornell Countryman, x (1913), 218.)

——— Rising prices and the public. (Popular Science Monthly, lxxxi (1912), 564.)

——— Washington Workmen's Compensation Act unconstitutional. (Amer. Economic Rev., ii (1912), 187.)

——— [Reviews of] Depreciation and wasting assets and their treatment in assessing annual profit and loss, by P. D. Leake. (Same, iii (1913), 387; Insurance science and economics, by F. L. Hoffman. (Same, ii (1912), 690.); Selected articles on compulsory insurance, by E. D. Bullock. (Same, iii (1913), 433.); Uniform classification of accounts for gas corporations prescribed by the railroad commission of the state of California; adopted Oct. 23, 1912; effective Jan. 1, 1913: For electric corporations, For water corporations. (Same, iii (1913), 188.); Abstracts and annotations of current articles on accounting. (Same, ii-iii (1912-1913), 471, 744, 991, 223, 497.)

**Beal, A. C.** The business of floriculture. (Cornell Countryman, x (1913), 102.)

——— Culture of the sweet pea (Sweet pea studies III). (Bull. of the Cornell University Agr. Exp. Sta., no. 320 (1912), 657.)

——— Horticultural nomenclature; a report of the botanist. (Proc. of the 28th Annual Convention of the Soc. of Amer. Florists, (1912), 139.)

——— Professor John Craig. (Cornell Countryman, x (1912), 10.)

——— Winter flowering sweet peas (Sweet pea studies II). (Bull. of the Cornell University Agr. Exp. Sta., no. 319 (1912), 618.)

**Bedell, F.** Systems of units. (Standard Dictionary of the English Language, (1913), 2610.)

——— editor. The Physical Review, 1912-1913.

**Benjamin, E. W.** Community co-operation for the sale of poultry and eggs. (Tompkins County Breeders' Jour., ii (1912), no. 6.)

——— Co-operative marketing of poultry and poultry products. (Poultry Husbandry, viii (1913), 1.)

——— Poultry and eggs as demanded by the consumers. (Ottawa Valley Jour., xxii (1912) 9.)

——— The preservation of food for the home: III. Preservation of eggs. (Cornell Reading Courses: Lesson for the Farm Home, i (1912), 298.)

**Bennett, C. E.** The claims of cultural studies. (Cornell Era, xlv (1913), 345.)

**Bennett, C. W.** Electro-deposition of brass and bronze. (Trans. of the Amer. Electrochem. Soc., xxiii (1912), 251.)

Also in the Metal Industry, ii (1912), 170.

——— Electro-deposition of copper. (Same, xxiii (1912), 233.)

——— Glycerol as sensitizer. (8th Internat. Congress of Applied Chem., lxx (1912), 121.)

Also in Jour. of Physical Chem., xvi (1912), 614.)

——— Photochemical reduction of copper sulphate. (Same, xx (1912), 123.)

Also in Jour. of Physical Chem., xvi (1912), 782.

——— and C. O. Brown. Concentration changes in the electrolysis of copper sulphate solutions. (Jour. of Physical Chem., xvii (1913), 373.)

Also in Trans. of the Amer. Electrochem. Soc., xxiii (1913.) 383.

——— and H. N. Gilbert. Some tests of the Edison storage battery. (Same, xvii (1913), 322.)

Also in Trans. of the Amer. Electro-chem. Soc., xxiii (1913.) 359.

Also seven signed book reviews in the Journal of Physical Chemistry.



**Bentley, J., jr.** The care of the farm woodlot. (Bull. of the N. Y. State Dept. of Agr., no. 37 (1911-12), 1388.)

— Forest planting at Cornell University. (Amer. Forestry, xvii (1912-716.)

— Practical forestry at Cornell. (Cornell Countryman, x (1912), 14.)

— Tree Study. (Cornell Rural School Leaflet, vi (1912), 153.)

**Birch, R. R.** Serum as a factor in inter-herd control of hog cholera in New York. (Report of the N. Y. State Vet. Coll., (1911-1912), 131.)

**Bizzell, J. A.** See **Lyon, T. L.**, and **J. A. Bizzell.**

**Blakey, R. G.** "American beet sugar and the tariff." (Independent, lxxiv (1913), 1179.)

— Beet sugar and the tariff. (Jour. of Polit. Econ., xxiii (1913), 540.)

— The proposed sugar tariff. (Polit. Sci. Quarterly, xxviii (1913), 230.)

**Bogert, G. G.** The sale of goods in New York: a commentary on the Sales Act of 1911 and related statutes. Northport, L. I., 1912. 8°. pp. 400.

**Bolton, R. R.** See **Williams, W. L.**, and others.

**Boring, E. G.** Introspection in dementia precox. (Amer. Jour. of Psychology xxiv (1913), 145.)

— The negative reaction under light-adaptation in the Planarian. (Jour. of Animal Behavior, ii (1912), 299.)

— joint author. New apparatus for acoustical experiments, by M. Bentley, E. G. Boring, and C. A. Ruckmich. (Amer. Jour. of Psychology, xxiii (1912), 509.)

**Bradley, J. C.** The siricidae of North America. (Jour. of Entomology and Zoology, v (1913), i.)

— and others. Concerning nomina conservanda and a referendum to all zoologists, by J. C. Bradley, J. H. Comstock, J. F. Needham, H. D. Reed, W. A. Riley, Anna H. Morgan, G. W. Herrick, C. R. Crosby, A. H. Wright, R. Mathe-son, G. C. Embury. (Science, n.s. xxxvi (1912), 10.)

**Bretz, J. P.** [Review of] History of the British post office, by J. C. Hemmeon. (Amer. Hist. Rev., xviii (1912), 145.)

**Brown, C. O.** [Reviews of] Elementary applied chemistry, by L. B. Allyn. (Jour. of Physical Chem., xvii (1913), 370.); General and industrial inorganic chemistry, by E. Molinari. (Same, xvii (1913), 558.); Reviews, questions and problems in chemistry, by M. S. H. Unger. (Same, xvii (1913), 371.); A text book of physics, by A. W. Duff. (Same, xvii (1913), 180.)

— See also **Bennett, C. W.** and **C. O. Brown.**

**Brown, H. P.** Growth studies in forest trees. (Botan. Gazette, liv (1912), 386.)

— Pith-ray flecks in wood. (Circular of the U. S. Agr. Dept., no. 215 (1913), 1.)

**Brown, H. W.** Connections for synchronizing. (Electric Jour., ix (1912), 634.)

**Burnett, S. H.** Arterial sclerostomatosis in the horse. (Report of the N. Y. State Vet. Coll., (1911-1912), 70.)

Also in the Cornell Veterinarian, ii (1912), 72.

— Sclerostomatosis of the arteries in the horse. (Proc. of the Amer. Vet. Med. Assoc., (1912), 302.)

— Verminous asteritis in the horse. (Proc. of the 23d Annual Meeting of the N. Y. State Vet. Med. Soc., (1912), 171.)

— editor. Cornell Veterinarian, 1913.

**Burr, G. L.** Anent the Middle Ages. (Amer. Hist. Rev., xviii (1913), 710.)

— associate editor. American Historical Review, 1912-1913.

**Burrows, M. T.** Rhythmical activity of isolated heart muscle cells in vitro. (Science, n.s., xxxvi (1912), 90.)

— Rhythmische Kontraktionen der isolierten Herzmuskelzelle ausserhalb des Organismus. (Münchener Medizinische Wochenschrift, no. 27 (1912).)

**Carpenter, C. K.** Thermometer and mercury-column readings on high-vacuum condensers. (Power, xxxvii (1913), 681.)



- Carpenter, R. C.** The automobile as a product of research and investigation. (Sibley Jour. of Engineering, xxvii (1913), 341.)  
 — Critical speeds of automobile shafting; discussion. (Trans. of the Soc. of Automobile Engineers, viii, pt. 1 (1913), 190.)  
 — Horse power formulae for automobile engines. (Same, viii (1913), 148.)  
 — Probable future four cylinder car. (Same, viii (1913), 173.)
- Catterall, R. C. H.** Anglo-Dutch relations, 1654-1660. (Annual Report of the Amer. Hist. Assoc. (1910), 101.)
- Chamot, E. M.** Sanitary Chemistry. (Amer. Year Book. (1912), 638.)  
 — The standard methods for the bacteriological examination of water. (Amer. Jour. of Public Health, iii (1913), 371.)
- Church, I. P.** [Review of] The principles of structural mechanics, treated without the use of the higher mathematics, by P. J. Waldram. (Cornell Civil Engineer, xxi (1913), 308.)
- Clark, E. D.**, joint author. Biochemical studies on soils subjected to dry heat, by F. J. Seaver and E. D. Clark. (Biochemical Bull., i (1912), 413.)
- Coca, A. F.**, and **E. S. L'Esperance.** A modification of the technic of the Wassermann reaction. (Zeitschrift für Immunitätsforschung, xiv (1912), 139.)  
 Also in Archives of Internal Med., ii (1913), 84.)  
 — See also **Weil, R.**, and **A. F. Coca.**
- Coffen, F. H.** See **Meara, F. S.**, and others.
- Cole, L. G.** Preliminary report on the diagnosis of postpyloric (duodenal) ulcer by means of serial radiography. (N. Y. Med. Jour., xcvi (1913), 960.)  
 — Serial radiography in the differential diagnosis of carcinoma of the stomach, gall-bladder infection, and gastric or duodenal ulcer. (Archives of the Roentgen Ray, xvii (1912), 172.)  
 — The value of serial radiography in gastro-intestinal diagnosis. (Jour. of the Amer. Med. Assoc., lix (1912), 1947.)
- Coleman, W.** Five years' experience with the high calory diet in typhoid fever. (Jour. of the Amer. Med. Assoc. lix, (1912), 363.)  
 — Nutrition and dietetics. (Therapeutics of internal diseases, in four volumes; edited by F. Forschheimer. i (1913), 599.)  
 — Weight curves in typhoid fever. (Amer. Jour. of the Med. Sciences, cxliv (1912), 659.)
- Coley, W. B.** Bullet wound of the spinal cord between the first and second dorsal vertebrae; laminectomy; removal of the bullet; complete recovery. (Annals of Surgery, lvi (1912), 60.)  
 — Chapter on "hernia." (Progressive Medicine, ii (1913), 17.)  
 — "Myositis ossificans traumatica." (Annals of Surgery, lvii (1913), 305.)
- Comfort, W. W.** Adenet le Roi: the end of a literary era. (Quarterly Rev., ccxviii (1913), 413.)  
 — On starting right. (Springfield Sunday Republican, 21 July, 1912.)  
 — Trials of a housekeeper in 1400. (Nation, xcvi (1913), 281.)
- Comstock, A. B.** John Walton Spencer. (Arbor Day Annual, N. Y. State Education Dept. 1913.)  
 — Nature study and elementary agriculture. (Nature Study Review, viii (1912), 217.)  
 — Nature study as a servant. (Same, viii (1912), 131.)
- Comstock, J. H.** See **Bradley, J. C.**, and others.
- Conner, L. A.** A contribution to the symptomatology of thrombophlebitis in typhoid fever. (Archives of Internal Med., x (1912), 534.)
- Cooke, R. A.** The fate of parenterally introduced glycogen in human and experimental diabetes. (Proc. of the Soc. for Exp. Biol. and Med., x (1912), 39.)  
 — Paroxysmal hemoglobinuria. (Amer. Jour. of the Med. Sci., cxliv (1912), 203.)
- Cooper, Lane.** Aristotle on the art of poetry; an amplified version, with supplementary illustrations: for students of English. Boston, 1913. 8°. pp. xxix + 101.  
 — Methods and aims in the study of literature. Ithaca, 1912. 8°. pp. 17.



- Ancient and modern letters. (*South Atlantic Quarterly*, xi (1912), 234.)  
 Appeared also, in part, in the *Classical Weekly*, vi (1912), 73.
- The first person in Wordsworth and Shakespeare. (*Notes and Queries*, 11th ser., v (1912), 65.)
- Lamb on Wordsworth's 'To Joanna.' (Same, vii (1913), 223.)
- 'Visto'='Vista.' (Same, vi (1912), 437.)
- [Reviews of] *Le génie littéraire*, par A. Rémond et Paul Voivenel. (*Philosophical Rev.*, xxii (1913) 86); Lord Byron as a satirist in verse, by C. M. Fuess. (*Dial*, liv (1913), 48.)
- Crandall, C. L.** Address at the annual banquet of the Association of Civil Engineers. (*Cornell Civil Engineer*, xxi (1913), 408.)
- Report of Committee XV on iron and steel structures. (*Proc. of the 13th Annual Convention of the Amer. Railway Engineering Assoc.*, xiii (1912), 81.)  
 Also in the *Bull. of the Amer. Railway Engineering Assoc.*, no. 152 (1912), 81.)
- and **F. A. Barnes.** *Railroad construction.* New York, 1913. 8°. pp. viii + 321. Illus.
- Crane, T. F.** Address before the New York Iota of the Phi Beta Kappa, May 25, 1912. (*Bulletin of the University of Rochester: The commencement of 1912 and autumn announcements*, viii (1912), 28.)
- The exemplum in England. [Review of] *The exemplum in the early religious and didactic literature of England*, by J. A. Mosher. (*Mod. Lang. Notes*, xxvii (1912), 213.)
- New analogues of old tales. [Review of *Exempla aus Handschriften des Mittelalters* herausgegeben von J. Klapper.] (*Mod. Philol.*, x (1913), 301.)
- Robert Collyer and Cornell University: an address delivered in Sage Chapel at the service held in memory of Robert Collyer, Feb. 2, 1913. (*Christian Register*, xcii (1913), 271.)
- Crehore, A. C.** See **Meara, F. S.**, and others.
- Creighton, J. E.** The Copernican revolution in philosophy. (*Philos. Rev.*, xxii (1913), 133.)
- The government of American universities. (*University control*, ed. by J. M. Cattell (1913), 393.)
- [Reviews of] *The evolution of educational theory*, by J. Adams. (*Philos. Rev.*, xxi (1912), 608.); *Immanuel Kant's Leben*, by K. Vorländer. (Same, xxi (1912), 609.)
- American editor. *Kant-Studien.* 1912-1913.
- editor. *The Philosophical Review.* 1912-1913.
- Crosby, C. R.** See **Bradley, J. C.**, and others.
- Dana, C. L.** The doctor's future; address at the anniversary meeting of the New York Academy of Medicine, 27 Nov., 1912. (*N. Y. Med. Jour.*, xcvi (1913), 1.)
- Mental tests; read at a meeting of the Practitioners' Society of New York, 1 Nov., 1912. (*Med. Rec.*, lxxxiii (1913), 1.)
- Occupational nervous and mental diseases. (*Amer. Labor Legislation Rev.*, ii (1912), 217.)
- The occupational neuroses; a clinical study of one hundred cases; read at a meeting of the New York Academy of Medicine, 4 Jan., 1912. (*Med. Rec.*, lxxxii (1912), 451.)
- Rest and play. (*N. Y. Times*, 16 Sept., 1912.)
- Daugherty, R. L.** Flow of water over weirs. (*Power*, xxxvii (1913), 682.)
- Theory of the reaction turbine. (*Sibley Jour. of Engineering*, xxvii (1913) 299.)
- Water rheostats. (*Power*, xxxvii (1913), 857.)
- De Garmo, C.** *Aesthetic education.* Syracuse, N. Y., 1913. 8°. pp. xi + 161. Plates. (*Cornell study bulletins for teachers*, No. 6.)
- Dennis, L. M.** *Gas analysis.* New York, 1913. 8°. pp. xvi + 434. Illus.
- Eine neue Form des Orsatapparates. (*Jour. für Gasbeleuchtung und Wasserversorgung*, lvi (1913), 400.)
- A new form of Orsat apparatus. (*Jour. Ind. Eng. Chem.*, iv (1912), 898.)



— and **W. J. O'Brien**. The determination of phosphorus in commercial acetylene. (Same, iv (1912), 834.)

**Douglas, J. F. H.** The propagation of electric energy by standing and travelling waves. (Electrical World, lx (1912), 311.)

**Dresbach, M.** Examinatoins of the eyes of college students. (Med. Record, lxxxii (1912), 190.)

— and **S. A. Munford**. Interpolated extrasystoles of frequent occurrence, in an otherwise normal human heart. (Proc. of the Soc. for Exp. Biol. and Med., x (1912), 6.)

**Du Bois, E. F.** The absorption of food in typhoid fever. (Archives of Internal Med., x (1912), 177.)

— See also **Wiggers, C. J.**, and **E. F. Du Bois**,

**Durham, C. L.** Formal Latin and informal Latin. (Classical Weekly, vi (1913), 97.)

**Eames, A. J.** The Morphology of *agathis australis*. (Annals of Botany, xxvii (1913), 1.)

**Edgar, J. C.** The practice of obstetrics, 4th ed., revised. 22d thous. Philadelphia, 1912. 4°. pp. xxii + 1062 Illus.

— The infant pulmotor; an apparatus for artificial respiration on asphyxiated new born infants. (Amer. Jour. of Obstetrics, lxxvii (1913), 1.)

**Eggleston, C.** Biological standardisation of the digitalis bodies by the cat method of Hatcher. (Amer. jour. of Pharmacy, lxxxv (1913), 99.)

— Clinical observations on the duration of digitalis action. (Jour. of the Amer. Med. Assoc., lix (1912), 1352.)

— The relative value of the "natural" and the synthetic salicylates. (Same, lix, (1912), 2057.)

— and **R. A. Hatcher**. The emetic action of the digitalis bodies. (Same, lx (1913), 499.)

— See also **Hatcher, R. A.** and **C. Eggleston**.

**Embody, G. C.** Crustacea; a key to the common genera occurring in fresh waters of the eastern United States, prepared for students of fish culture. Ithaca, N. Y., 1913. 8°. pp. .

— [Reviews of] *Atlantisch-Salme im Süßwasser*, von C. G. Atkins. (Oesterreichische Fischerei-Zeitung., x (1913), 165.); Bericht über die an den Surveywerken auf dem Illinois River erzielten Resultate, von Dr. S. A. Forbes. (Same, x (1913), 126.); Bringen die Brutstätten der grossen Seen dem handeltreibenden Fischer Nutzen? von S. W. Downing. (Same, x (1913), 164.); Ecological notes on the fishes of Walnut Lake, Michigan, by T. L. Hankinson. (Same, ix (1912), 464.); Increasing and insuring the natural food supply of small-mouth black bass fry, and notes on combination of breeding and rearing ponds, by D. Lydell. (Same, ix (1912), 464.); The investigation of a river system in the interest of its fisheries, by S. A. Forbes. (Same, ix (1912), 464.); Ist Berieselung der Forellenkulturen schädlich? von W. T. Thompson. (Same, x (1913), 126.); The magnitude and scope of the work of the United States Bureau of Fisheries, 1910, by R. S. Johnson. (Same, ix (1912), 464.); Notes on black bass, by T. H. Bean. (Same, ix (1912), 463.); Observations on the small-mouthed black bass, by W. E. Meehan. (Same, ix (1912), 464.); Rescue work; the saving of fish from overflowed lands, by S. P. Bartlett. (Same, ix (1912), 464.)

— See also **Bradley, J. C.**, and others.

**Erdman, S.** The acute effects of caisson disease or aeropathy; a paper read before the XVth Internat. Congress of Hygiene and Demography, 24 Sept., 1912. (Amer. Jour. of the Med. Sci., cxlv (1913), 520.)

**Faust, A. B.** Commencement address at the Normal College of the North American Gymnastic Union, at Indianapolis, June 22, 1912. (Mind and Body, xix (1913), 355.)

— [Reviews of] *Geschichte der Schweizerischen Eidgenossenschaft*, von Johannes Dierauer. (Amer. Hist. Rev., xviii (1913), 362.); Guide to the manuscript materials relating to American history in the German State Archives. (Same, xviii (1912), 149.)



**Fippin, E. O.** Deep plowing. (International Harvester Co. Almanac, (1913), 39.)

— Factors in the maintenance of the permanent fertility of the soil. (Jour. of the Amer. Soc. of Agronomy, i (1913) .)

— Farm drainage as applied to the orchards in the Hudson Valley. (Proc. of the 11th Annual Eastern Meeting of the N. Y. State Fruit Growers' Assoc., (1913), 214.)

— Importance and value of reasonable drainage of the soil. (Tribune Farmer, xii (1913), no. 599.)

— Legal provisions for agricultural drainage in New York. (Proc. of the 73rd Annual Meeting of the N. Y. State Agr. Soc., (1913).)

Also in the Bull. of the N. Y. State Dept. of Agr., no. 47 (1913), 1178, and in the Tribune Farmer, xii (1913), no. 586.

— Maintenance of soil fertility on the dairy farm. (De Laval Dairy Handbook, (1913), 9.)

— The soil type as the basis of selection of a commercial fertilizer. (Commercial Fertilizer Handbook, (1913), 42.)

— Tilt and tillage of the soil. (Cornell Reading Courses: Lesson for the Farm, ii (1913), 157.)

**Fish, P. A.** Exercises in physiology. 3d ed. Ithaca, 1913. 8°. pp. 120.

— Bob veal and the conservation of the meat supply. (Proc. of the Amer. Vet. Med. Assoc., (1912), 550.)

— Is there a dearth of legal veterinarians in New York? (Cornell Veterinarian, ii (1913), 57.)

— Real professional success. (Same, ii (1913), 53.)

— Tardy licenses. (Same, ii (1913), 59.)

— The veterinary therapeutics of New York State. (Same, ii (1913), 55.)

— editor. Cornell Veterinarian, 1913.

**Fitch, C. P.**, joint author. Parinaud's conjunctivitis, by J. S. Kirkendall and C. P. Fitch. (Med. Rec. lxxxii (1912), 888.)

— See also **Moore, V. A.**, and **C. P. Fitch**.

— See also **Sunderville, E.**, and **C. P. Fitch**.

— See also **Williams, W. L.**, and others.

**Fitzpatrick, H. M.** A comparative study of the development of the fruit body in phallogaster hysterangium and gautieria. (Annales Mycologici, xi (1913) 117.)

**Flint, A.** Sexual crimes. (N. Y. Med. Jour., xcvi (1912), 205.)

**Forman, A. H.** A method for the production of a high potential for electrometer work. (Physical Rev., xxxv (1912), 233.)

**Foster, W. S.**, translator. The association method in criminal procedure, by P. Menzrath. (Jour. of Criminal Law and Criminology, iv (1913), 58.)

— See also **Titchener, E. B.**, and **W. S. Foster**.

**Frost, J. N.** See **Williams, W. L.**, and others.

**Gage, S. H.** Recent developments in drawing by the aid of projection apparatus used on the house lighting system. (Trans. of the Amer. Microscopical Soc., xxxi (1912), 177.)

**George, S. G.** The fallacy of the indiscriminate use of concrete in construction. (Proc. of the Amer. Soc. of Municipal Improvements, (1912), 193.)

**Gibson, C. L.** Accessory pancreas in the gastro-intestinal tract. (Med. Record, lxxxii (1912), 126.)

**Gilbert, A. H.** Milton's translation from Ariosto. (Mod. Lang. Notes, xxvii (1912), 229.)

— A "Mystical man" at Sturbridge Fair. (Notes and Queries, ser. II, v (1912), 503.)

— The tower of fame in Milton. (Mod. Lang. Notes, xxviii (1913), 30.)

**Gilbert, A. W.** See **Upton, G. B.**, and **A. W. Gilbert**.

**Gilbert, H. N.** See **Bennett, C. W.**, and **H. N. Gilbert**.

**Gilkey, R.** The fifth national corn exposition. (Cornell Countryman, x (1913), 175.)

— editor. Cornell Reading Courses: Lesson for the Farm, 1912-1913.

**Gillespie, D. C.** [Review of] Applications of the calculus to mechanics, by E. R. Hedrick and O. D. Kellogg. (Bull. of the Amer. Math. Soc., xix (1912), 148.)

**Givens, M. H.** Duplication of the inferior vena cava in man. (Anatomical Rec., vi (1912), 475.)

— and **A. Hunter.** The excretion of purine catabolites in sundry types of mammalia. (Jour. of Biol. Chem., xiv. (1913), xxiv.)

Also in Proc. of the Amer. Soc. of Biol. Chemists, ii (1913), 112.)

— See also **Hunter, A.**, and **M. H. Givens.**

**Goodridge, M.** See **Meara, F. S.**, and **M. Goodridge.**

**Gordon, M. A.** The silver equivalent of hydroquinone. (Jour. of Phys. Chem., xvii (1913), 47.)

— See also **Bancroft, W. D.**, and **M. A. Gordon.**

**Gregory, C. T.** A rot of grapes caused by cryptosporella viticola. (Phytopathology, iii (1913), 20.)

— Spore germination and infection with plasmopara viticola. (Same, ii (1912), 235.)

**Ham, C. W.** Size of high pressure piping in power stations and velocities of steam. (Power, xxxvii (1913), 558.)

**Hamilton, G. L.** Un manuscrit perdu de l'Histoire de Guillaume le Maréchal. (Romania, xli (1912), 601.)

— [Reviews of] La connaissance de la nature et du monde au moyen age, par C. V. Langlois. (Romanic Rev., iii (1912), 314.); The eclogues of Baptista Mantuanus, by W. P. Mustard. (Same, iii (1912), 424.); The Hindu-Arabic numerals, by D. E. Smith and L. C. Karpinski. (Same, iii (1912), 425.); Vorlesungen und Abhandlungen, II, von L. Traube. (Amer. Jour. of Philol., xxxiii (1912), 471.)

**Harper, M. W.** Care and management of the work horse. (Bull. of the N. Y. State Dept. of Agr., no. 37 (1912), 1265.)

Also forms its Circular 53.

— Horse breeding to increase the farm income. (Cornell Reading Courses: Lesson for the Farm, i (1912), 133.)

**Harrington, I. S.** Choice and care of utensils. (Cornell Reading Courses: Lesson for the Farm Home, ii (1912), 17.)

**Harris, G. D.** Dome theories as applied to gulf coast geology. (Science, xxxvi (1912), 173.)

— Immense salt concretions. (Popular Science Monthly, lxxxii (1913), 187.)

— editor and publisher. Bulletins of American Paleontology. 1912-13.

**Harris, G. W.**, editor. Islandica: an annual relating to Iceland and the Fiske Icelandic Collection in Cornell University Library Vol. vi, 1913.

**Hart, J. M.** The adoration of the Magi. (Nation, xcvi (1913), 252.)

— Aren't I? (Same, xcvi (1913), 81, 440.)

— Milton's nativity. (Modern Language Notes, xxvii (1913), 159.)

— Ezra Cornell; the first Goldwin Smith lecture delivered on Founder's Day, January 11th, 1913. (Official Publications of Cornell University, iv B (1913).)

— [Reviews of] Festschrift Wilhelm Viëtor zum 25. Dezember 1910 dargebracht. (Jour. of Eng. and Germ. Philol., xii (1913), 327.); Some German women and their salons, by M. Hargrave. (Nation, xcvi (1912), 387.)

**Hartwell, J. A.**, and **J. P. Hogue.** Experimental intestinal obstruction in dogs with special reference to the cause of death and the treatment by large amounts of normal saline solution. (Jour. of the Amer. Med. Assoc., lix (1912), 82.)

**Hastings, T. W.** Complement-fixation tests for streptococcus, gonococcus and other bacteria in infective deforming arthritis and arthritis deformans. (Jour. of the Amer. Med. Assoc., lx (1913), 1208.)

— Tuberculin therapy in surgical tuberculosis. (Amer. Jour. of the Med. Sciences, cxliv (1912), 245, 403.)

— and **E. Boehm.** A study of cultures from sputum and blood in lobar pneumonia. (Jour. of Exp. Med., xvii (1913), 239.)



**Hatcher, R. A.** The persistence of action of the digitalins. (Archives of Internal Med., x (1912); 268.)

— and **C. Eggleston.** The emetic action of the digitalis bodies; from the Laboratory of Pharmacology of Cornell University Medical College, New York City. (Jour. of Pharmacol. and Exp. Therapeutics, iv (1912), 113.)

— — Observations on the keeping properties of digitalis and some of its preparations. (Amer. Jour. of Pharmacy, lxxxv (1913), 203.)

— — See also **Eggleston, C.,** and **R. A. Hatcher.**

**Hayes, A.** The birth and purposes of the progressive party. (Cornell Daily Sun, 26 Oct. 1912.)

— Direct primaries. (Ithaca Daily News, 23 May, 1913.)

**Haynes, I. S.** Acute palmar bursitis with rice bodies. (Annals of Surgery, lvi (1912), 463.)

— Biliary colic without gall stones; read at the annual meeting of the Medical Society of the State of New York, Apr. 17, 1912. (N. Y. State Jour. of Med., xii (1912), 496.)

— Congenital, internal hydrocephalus; its treatment by drainage of the cisterna magna into the cranial sinuses. (Annals of Surgery, lxvii (1913), 449.)

— Gangrenous appendicitis with resection of fourteen inches of ileum. (Same, lvi (1912), 461.)

— Ligation of the internal iliac arteries, with report of six cases. (Amer. Med., n.s. vii (1912), 535.)

— Sublingual thyroid, removal, acute myxedema. (Annals of Surgery, lvi (1912), 465.)

— The surgical treatment of meningitis; its scope and accomplishment. (Laryngoscope, xxii (1912), 865.)

— The surgical treatment of pyogenic meningitis by drainage of the cisterna magna. (Papers of the 9th Internat. Otological Congress (1912), 291.)

— The treatment of meningitis by drainage of the cisterna magna. (Archives of Pediatrics, xxx (1913), 84.)

**Hermannsson, H.** Icelandic authors of to-day. Ithaca, N. Y., 1913. 8°. pp. xiv+69 (Islandica, vi.)

— Hid islenzka Fraedafélag i Kaupmannahöfn. (Lögberg, xxv (1912), 5.)

— [Review of] Arbok Haskola Islands. (Lögberg, xxvi (1913), 4.)

**Herrick, G. W.** Notes on insects of economic importance; outlines of lectures in economic entomology. Ithaca, N. Y., 1912. 8°. pp. 122.

— A text book in general zoölogy. [6th ed.] New York, 1912. sm. 8° pp. 338. Illus.

— The cabbage louse and other aphids. (Cornell Rural School Leaflet, vi (1912), 108.)

— The Colorado potato beetle. (Same, vi (1912), 87.)

— Control of two elm-tree pests. (Bull. of the Cornell University Agr. Exp. Sta., no. 333 (1913), 491.)

— The imported cabbage butterfly. (Cornell Rural School Leaflet, vi (1912), 105.)

— The larch case-bearer. (Bull. of the Cornell University Agr. Exp. Sta., no. 322 (1913), 39.)

— Plant-lice on apples, cherries, plums, etc. (Announcer of the College of Agr., Cornell University, i (1912), 43.)

— Some external insect parasites of domestic fowls (Jour. of Econ. Entomol., vi (1913), 81.)

— Some troublesome orchard pests of the past season and how to fight them in 1913. (Proc. of the 12th Annual Meeting of the N. Y. State Fruit-Growers' Assoc. (1913), 35.)

— The squash stink-bug. (Tribune Farmer, 1 Aug., 1912, 24.)

— White grubs and their control. (Announcer of the College of Agr., Cornell University, ii (1912), 3.)

— [Articles in the Rural New Yorker, July, 1912–May, 1913, vol. lxxiii–lxxiv]. Caterpillars on huckleberries, 28 Sept., p. 995; Controlling apple lice, 1 Mar., p. 288; Controlling white grubs, 19 Oct., p. 1071; Cutworms and kainit, 24 Aug., p. 888; Do spiders bite hard? 28 Sept., p. 994; The elm leaf miner,

5 Apr. p. 502; The ground-cherry seed-moth, 20 July, p. 815; The hookworm disease, 14 Dec., p. 1243; Lime and the strawberry weevil, 13 July, p. 781; The raspberry cane-borer, 9 Nov., p. 1137; "Spring-tails" in the milk, 3 Aug., p. 840; The strawberry leaf-roller, 22 June, p. 720.

— See also **Bradley, J. C.**, and others.

**Hess, H. D.** Machine design; hoists, derricks, cranes. Philadelphia, 1912. 8°. pp. vi. + 368. Illus.

— Graphics and structural design. New York, 1913. 8°. pp. 434. Illus.

**Hewett, W. T.** The price of English books in America. (Nation, xcvi (1913), 466.)

— The taxation of productive and residential property. (Cornell Daily Sun, 25 Apr., 1913.)

**Higgins, B. B.** The perfect stage of cylindrosporium on prunus avium. (Science, xxxvii (1913) 637.)

**Hirshfeld, C. F.** Desirable improvements in American gas engine design. (Machinery, xviii (1912), 866.)

— Production of gasoline from natural gas. (Engineering Mag., xliii (1912), 880.)

— and **W. N. Barnard.** Elements of heat power engineering. New York, 1913. 8°. pp. xvi. + 813. Illus.

— and **T. C. Ulbricht.** Farm gas engines. New York, 1913. 8° pp. iv. + 238. 188 figs.

— — Gas power. New York, 1913. 8°. pp. x. + 209. Illus. (Wiley technical series.)

**Hoch, A.** Early manifestations of mental disorders. (Proc. of the Mental Hygiene Conference, (1913), 201.)

— The problem of toxic-infectious psychoses. (State Hospitals Bull., V. (1912), 384.)

— [Review of] Bleuler's Schizophrenia. (Rev. of Neurology and Psychiatry, x (1912), 259.)

**Hoguet, J. P.** See **Hartwell, J. A.**, and **J. P. Hoguet.**

**Hoobler, B. R.** Diseases influencing growth; the conditions which underlie them. (N. Y. Med. Jour., xcvi (1913), 769.)

— The effect of humidity, temperature, and barometric pressure on the blood pressure. (Heating and Ventilating Mag., x (1913), 17.)

— Effects of cold air on blood pressures of children and young adults in various stages of tuberculosis. (Amer. Jour. of the Diseases of Children, iv (1912), 307.)

— Nitrogen and mineral salt metabolism in healthy infant fed on modified cow's milk, with especial reference to ratios existing between nitrogen and the various mineral salts in relatively low, medium, and high fat feeding. (Med. and Surgical Report of the Presbyterian Hospital in the City of New York, ix (1912), 164.)

— Protein metabolism in infants fed on protein milk. (Amer. Jour. of Diseases of Children, v (1913), 308.)

— The standardization of blood pressure readings by means of an automatic device for indicating systolic and diastolic blood pressure in children. (Same, iv (1912), 46.)

**Hoy, D. F.**, compiler. Address book of the Kappa Sigma Fraternity, 1869-1912. Ithaca, N. Y., 1912. 16°. pp. 495.

**Hunter, A.** The influence of experimental cretinism upon nitrogen metabolism in the sheep. (Proc. of the Soc. of Exper. Biol. and Med., x (1913), 98.)

— and **M. H. Givens.** The metabolism of endogenous and exogenous purines in the monkey. (Jour. of Biol. Chem., xiii (1912), 371.)

— — Purine catabolism in the monkey. (Original Communications, 8th Internat. Congress of Applied Chem., xix (1912), 149.)

— See also **Givens, M. H.**, and **A. Hunter.**

**Hurwitz, W. A.** On the pseudo-resolvent to the kernel of an integral equation. (Trans. of the Amer. Math. Soc., xiii (1912), 405.)



— [Review of] *Die Integralgleichungen und ihre Anwendungen in der mathematischen Physik*; by A. Kneser. (Bull. of the Amer. Math. Soc., xxi (1913), 406.)

**Hutchinson, J. I.** See **Snyder, V.**, and **J. I. Hutchinson.**

**Irvine, F.** The ethics of advocacy. (Amer. Law School Rev., iii (1913), 277.)

**Jacoby, H. S.**, joint author. Report of Committee no. VII on wooden bridges and trestles; to be presented to the 14th Annual Convention of the American Railway Engineering Association. (Bull. of the Amer. Railway Engineering Assoc., xiv (1913), 652.)

Also in Proc. of the 14th Annual Convention of the Amer. Railway Engineering Assoc., xiv (1913), 652.

— [Review of] *Structural design, I. Elements of structural design*, by H. R. Thayer. (Cornell Civil Engineer, xxi (1912), 100.)

**Johannsen, O. A.** Fungus gnats of North America, Pt. 4. (Bull. of the Maine Agr. Exp. Sta., no. 200 (1912), 57.)

— Insect notes for 1912. (Same, no. 207 (1912), 431.)

— *Macrobrachius* in America. (Entomol. News, no. 24 (1913), 228.)

— Potato flea beetle. (Bull. of the Maine Agr. Exp. Sta., no. 211 (1913), 37.)

— Spruce bud moth and spruce leaf miners. (Same, no. 210 (1913), 13.)

— A tertiary fungus gnat. (Amer. Jour. of Science, xxxiv (1912), 140.)

**Johnson, A. S.** The child and social reform. (Dial, liii (1912), 380.)

— An ethical aspect of the new industrialism. (South Atlantic Quarterly, xii (1913), 1.)

— Woman and economics. (Dial, liii (1912), 15.)

**Johnston, E. F.** Autumn; organ piece. New York, J. Fischer, 1912.

— Christ is risen; song. New York, Schirmer, 1913.

— Cuddle down; song. New York, J. Fischer, 1912.

— The drum major; operetta (two acts). New York, J. Fischer, 1912.

— God that madest earth and Heaven; song. New York, Schuberth, 1912.

— I will set His dominion; song. New York, Schirmer, 1912.

— In the hour of trial; song. New York, Schuberth, 1912.

— Midsummer caprice; organ piece. New York, J. Fischer, 1912.

— When I think of you; song. Boston, Oliver Ditson, 1912.

— Where dreams are made; song. New York, Schuberth, 1912.

**Johnston, J. C.** Speculations as to the causation of eczema. (Jour. of Cutaneous Diseases, xxxi (1913), 3.)

**Jones, F. S.** Avian tuberculosis. (Report of the N. Y. State Vet. Coll., (1911-1912), 159.)

— Bacillary white diarrhea in chickens. (Proc. of the Amer. Vet. Med. Assoc., (1912), 379.)

— An outbreak of an acute disease in adult fowls, due to bact. pullorum. (Report of the N. Y. State Vet. Coll., (1911-1912), 140.)

Also in Jour. of Med. Research, xxvii (1913), 471.

The value of the macroscopic agglutination test in detecting fowls that are harboring bact. pullorum. (Same, (1911-12), 149.)

Also in Jour. of Med. Research, xxvii (1913), 481.

**Jones, H. L.** *Lysias*, xxiv. 14. — *Plato, Apology*, 29A. (Classical Jour., viii (1913), 257, 258.)

**Karapetoff, V.** The cat and I and the magnetic circuit, a poem. (Sibley Jour. of Engineering, xxvii (1913), 335.)

— The closing lecture to the '09 senior class. (Same, xxvii (1913), 336.)

Reprint from *Addresses to engineering students*; edited by Waddell and Harrington.

— Entropy and temperature, illustrated by analogs. (General Electric Rev., xvi (1913), 7.)

Also in *Engineering News*, lxix (1913), 406, with the title *A new entropy analog*.

— Grading of instructors. (Proc. of the Soc. for the Promotion of Engineering Education, xx (1913), 394.)

— New conception of industrial work. (Cornell Daily Sun, 5 May, 1913.)

— El sistema concentrico de educacion en ingenieria; traducido por G. Ossa. (Boletin de la Sociedad de Fomento Fabril, año xxix (1912), 444.)

Also in Anales del Instituto de Ingenieros de Chile, año xi (1911), 521.

— Socialism in Hungerborough, a parable. (Cornell Daily Sun, 29 Oct., 1912.)

— [Review of] Die Veranschlagung elektrischer Licht und Kraftanlagen unter Benutzung vorgedruckter Formulare, by B. Jacobi. (Engineering News, lxix (1913), 336.)

**Kennard, E. H.** Dielektrika und unipolare induktion. (Physikalische Zeitschrift, xiv (1913), 250.)

— The effect of dielectrics on unipolar induction. (Physica Rev. ii ser (1913), 355.)

— Unipolare induktion und im magnetfeld rotierender kondensator. (Physikalische Zeitschrift xiii (1912), 1155.)

**Keyes, E. L., jr.** A case of carcinoma of the bladder controlled by the high frequency current. (Surgery, Gynecology and Obstetrics, xxxi (1913), 79.)

— Death after the use of salvarsan. (Jour. of Cutaneous Diseases, xxx (1912), 478.)

— Notes on salvarsan. (Same, xxx (1912), 420.)

— Survival after operation in spite of unusually low output of phenol-sulphonephthalein. (Amer. Jour. of Urology, viii (1912), 601.)

— joint author. The temperature after perineal section under spinal anesthesia, by E. L. Keyes and D. W. MacKenzie. (N. Y. Med. Jour., xcvi (1912), 941.)

**Kimball, D. S.** Appearance in design as affected by function. (Sibley Jour. of Engineering, xxviii (1913), 368.)

— Industry and education. (Annual Report of the Board of Education of the City of Ithaca, (1912), 89.)

— Practical studies and liberal education. (Cornell Era, xlv (1913), 413.)

— The principles of management. (Amer. Machinist, xxxvi (1912), 965.)

— Scientific management (discussion). (Trans. of the Amer. Soc. of Mech. Engineers, xxxv (1913).)

— The work of the engineer. (Cornell Daily Sun, 12 Dec. 1912.)

**Kingsbury, B. F.** Amphibian tonsils. (Anatom. Anzeiger, xlii (1912), 593.)

**Knowlton, H.** Directions for canning and jelly-making. (Cornell Rural School Leaflet, vi (1913), 309.)

**Knudson, L.** Inception, season, and duration of cambial activity in American larch (*larix laricina* (DuRoi) Koch). (Bull. of the Torrey Bot. Club, xl (1913), 271.)

— Tannic acid fermentation. I-II. (Jour. of Biol. Chem., xiv (1913), 159, 185.)

**Kramm, H. E.** On the occurrence of manganese at New Ross in Nova Scotia. (Trans. of the Canadian Mining Institute, xv (1912), 210.)

**Lamoureux, A. J.** The Agricultural Library and how to use it. (Cornell Countryman, x (1912), 64.)

— [Geographical and statistical articles in the Encyclopaedia Britannica, 11th ed., 1910-1911.]: Argentina, ii, 460; Asuncion (Paraguay), ii, 821; Atacama, ii, 822; Bogotá, iv, 120; Bolivia, iv, 166; Brazil, iv, 438; Buenos Aires, iv, 752; Carácas, v, 298; Chile, vi, 142; Colombia, vi, 700; Ecuador, viii, 910; La Paz, xvi, 194; Lima, xvi, 689; Mexico, xviii, 317; Pará, xx, 745; Paraguay, xx, 756; Peru, xxi, 264; Quito, xxii, 763; Rio de Janeiro, xxiii, 353; Rio Grande do Sul, xxiii, 357; Santiago (Chile), xxiv, 191; Sao Paulo (Brazil), xxiv, 199; Venezuela, xxvii, 988.

Also the greater part of the minor geographical and statistical articles on the South American republics and Mexico in the same work.

**Lee, M. A.** Gauge for measuring small differences of pressure. (Sibley Jour. of Engineering, xxvii (1913), 279.)

**Leonard, M. D.** Additions to the New Jersey tipulidae (diptera), with the description of a new species. (Entomol. News, xxiv (1913), 247.)

— See also **Alexander, C. P.**, and **M. D. Leonard**.



**L'Esperance, E. S.** See **Coca, A. F.**, and **E. S. L'Esperance.**

**Lohr, J. M.** The tensile strength of the copper-zinc alloys. (*Jour. of Physical Chem.*, xvii (1913), 1.)

— See also **Bancroft, W. D.**, and **J. M. Lohr.**

**Love, H. H.** Comparisons of yield between hybrids and selections in oats. (*Amer. Breeders' Mag.*, iii (1912), 289.)

— The relation of certain ear characters to yield in corn. (Report of the *Amer. Breeders' Assoc.*, vii (1911), 29.)

— The relation of seed ear characters to earliness in corn. (Same, viii (1912), 330.)

— A study of the large and small grain question. (Same, vii (1911), 109.)

**Lunt, W. E.** The account of a papal collector in England in 1304. (*English Hist. Rev.*, xxviii (1913), 313.)

— The first levy of papal annates. (*Amer. Hist. Rev.*, xviii (1912), 48.)

— [Reviews of] American colonial government, 1696-1765, by O. M. Dickerson. (*Annals of the Amer. Academy of Political and Social Science*, xlii (1912), 363.); Current political problems, by J. D. Rees. (Same, xlv (1913), 286.); European arms and armour in the University of Oxford, principally in the Ashmolean and Pitt-Rivers Museums, by C. Ffoulkes. (*Amer. Hist. Rev.*, xviii (1913), 388.); The exchequer in the twelfth century, by R. L. Poole. (*Annals of the Amer. Academy of Political and Social Science*, xlvii (1913), 305.); The great roll of the pipe for the twenty-ninth year of the reign of King Henry the Second, A. D. 1182-1183. (*Amer. Hist. Rev.*, xviii (1913), 388.); A history of witchcraft in England from 1558 to 1718, by W. Notestein. (*Annals of the Amer. Academy of Political and Social Science*, xlv (1912), 179.); Liberalism and wreck of Empire, by Viscount de Fronsac. (Same, xlii (1912), 368.); *Les papes d'Avignon, 1305-1378*, par G. Mollat. (*Amer. Hist. Rev.*, xviii (1912), 123.); Political unions, by H. A. L. Fisher. (*Annals of the Amer. Academy of Political and Social Science*, xlii (1912), 368.)

**Lusk, G.** Calorimetric observations. (*Med. Rec.*, lxxxii (1912), 925.)

— editor. Animal calorimetry, I-VII. [Papers based on researches in the Physiological Laboratory of Cornell University Medical College, issued under the direction of G. Lusk: published in the *Jour. of Biol. Chem.*, xii-xiii, 1912-1913.]

— Contents:—I. A small respiration apparatus by H. B. Williams, xii (1912), 317. II. Metabolism of the dog following the ingestion of meat in large quantity by H. B. Williams, J. A. Riche and G. Lusk, xii (1912), 349. III. Metabolism after the ingestion of dextrose and fat, including the behavior of water, urea and sodium chloride solutions by G. Lusk with J. A. Riche, xiii (1912), 27. IV. Observations on the absorption of dextrose and the effect it has on the composition of the blood by G. Fisher and M. B. Wishart, xiii (1912), 49. V. The influence of the ingestion of amino-acids upon metabolism by G. Lusk with J. A. Riche, xiii (1912), 155. VI. The influence of mixtures of food-stuffs upon metabolism by G. Lusk with J. A. Riche, xiii (1912), 185. VII. The metabolism of a dwarf by F. H. McCrudden and G. Lusk, xiii (1913), 447.

**Lyon, T. L.**, and **J. A. Bizzell.** Experiments with reinoculation of steamed soils. (*Proc. of the Eighth Internat. Congress of Applied Chem.*, xv (1912), 159.)

— The influence of a preceding crop on nitrification in soil. (*Jour. of Industrial and Engineering Chem.*, v (1913), 136.)

— The influence of alfalfa and timothy on the production of nitrates in soils. (*Centralblatt für Bakteriologie*, xxxvii (1913), 161.)

— The plant as an indicator of the relative density of soil solutions. (*Proc. of the Amer. Soc. of Agronomy*, iv (1912), 35.)

— Water-soluble matter in soils sterilized and reinoculated. (*Bull. of the Cornell Univ. Agri. Exp. Station*, no. 326 (1913), 207.)

**McClendon, J. T.** Echinochrome. (*Jour. of Biol. Chem.*, xi (1912), 435.)

— The effects of alkaloids on the development of fish (*fundulus*) eggs. (*Amer. Jour. of Physiol.*, xxxi (1912), 131.)

— Preparation of material for histology and embryology, with an appendix on the arteries and veins in a 30 mm. pig embryo. (*Anat. Record*, vii (1913), 51.)

— The rate of absorption of water by the skin of the frog in relation to M. H. Fischer's theory of Edema.—The dynamics of a model of cell division. (Proc. of the Soc. for Exp. Biol. and Med., x (1913), 125. 126.)

**McCloskey, A. G.**, editor. Cornell Rural School Leaflet, vi, 1912-13.

**McKelvey, J. V.** [Review of] Anharmonic coördinates, by H. W. L. Hime. (Bull. of the Amer. Math. Soc., xix (1913), 416.)

**Macomber, S. S.** The Cornell University hydro-electric power plant. (Sibley Jour. of Engineering, xxvii (1912), 53.)

**Mann, A. R.** A word about journalism. (Illinois Agriculturist, xvii (1913), 380.)

**Meara, F. S.** The general practitioner: an idealization. [Delivered at the Harvard Medical School, under the auspices of the Alpha Omega Alpha Society.] (Boston Medical and Surgical Jour., 18 July, 1912.)

— and **M. Goodridge.** The relationship between erythema nodosum and tuberculosis, with the report of a case. (Amer. Jour. of the Med. Sciences, cxliii (1912), 393.)

— and others. A comparison of simultaneous polygraph and micrograph tracings, by F. S. Meara, F. H. Coffen and A. C. Crehore. (Jour. of Exp. Med., xvi (1912), 280.)

**Miller, C. F.** See **Bancroft, W. D.**, and others.

**Minns, E. R.** The rotation of farm crops. (Cornell Reading Courses: Lesson for the Farm, i (1912), 217.)

**Montgomery, E. G.** Alfalfa for New York. (Cornell Reading Courses: Lesson for the Farm, i (1912), 181.)

**Moore, E.** Man and his environment in Africa. (Jour. of Geog., xi (1912), 1.)

**Moore, V. A.** Bovine tuberculosis and its control. Ithaca, N. Y., 1913. 8°. pp. x. + 134. Plates.

— Principles of microbiology; a treatise on bacteria, fungi, and protozoa pathogenic for domesticated animals. Ithaca, N. Y., 1912. 8°. pp. xi. + 506.

— Report of the New York State Veterinary College for the year 1911-1912, transmitted to the Legislature, January 27, 1913. Albany, 1913. 8°. pp. 182.

— Some important factors in the control of communicable diseases. (Amer. Vet. Rev., xlii (1912), 166.)

Also in the Proc. of the Amer. Vet. Med. Assoc., (1912), 337.

— The value of physical examination and clinical diagnosis in the control of tuberculosis in cattle. (Amer. Jour. of Vet. Med., viii (1913), 10.)

Also in the Report of the N. Y. State Vet. Coll. (1911-1912), 169, and in the Proc. of the U. S. Live Stock Sanitary Assoc. (1912), 51.

— and **C. P. Fitch.** A study of the specific reactions for the diagnosis of glanders. (Report of the N. Y. State Vet. Coll. (1911-1912), 51.)

**Mulford, W.** Recent New York State laws giving relief from taxation on lands used for forestry purposes. (Cornell Reading Courses: Lesson for the Farm, ii (1912), 33.)

**Murlin, J. R.** Some observations on the protein metabolism of normal pregnancy and the normal puerperium. (Surgery, Gynecology and Obstetrics, xvi (1913), 43.)

— and **H. C. Bailey.** Protein metabolism in late pregnancy and the puerperium. (Jour. of the Amer. Med. Assoc., lix (1912), 1522.)

— and **S. R. Benedict.** Determination of the amino-acid nitrogen in the urine. (Proc. of the Soc. for Exp. Biol. and Med., ix (1912), 109.)

— and **B. Kramer.** The influence of pancreatic and duodenal extracts on the glycosuria and the respiratory metabolism of depancreatized dogs. (Same, x (1913), 171.)

— and others. The carbon dioxide and oxygen content of the blood after ligation of the abdominal aorta and the inferior vena cava; by J. R. Murlin, L. Edelmann and C. W. Giles. (Same, x (1913), 174.)

— [Paper written under the direction of J. R. Murlin.] The role of the lipoids and particularly lecithin in narcosis, by B. Kramer. (Jour. of Exp. Med., xvii (1913), 206.)



**Myers, C. H.** Principles and methods of plant-breeding. (Cornell Reading Courses: Lesson for the Farm, ii (1913), 129.)

**Nammack, C. E.** Abortion—its social and ethical aspects. (Med. Rec., lxxxii (1912), 479.)

— The differential diagnosis of lobar pneumonia. (Same, lxxxiii (1913), 611.)

— How much of eugenics is scientific? (N. Y. Med. Jour., xcvi (1913), 740.)

— Mistakes in the diagnosis of typhoid fever. (Med. Rec., lxxxii (1912), 1123.)

— Salvarsan in cryptogenetic pernicious anemia. (Same, lxxxiii (1913), 847.)

All these articles have been separately reprinted.

**Needham, J. G.** General biology, 5th ed. Ithaca, N. Y., 1913. sm. 8°. pp. xiv + 542. Illus.

— [Review of] Applied biology, by M. A. and A. N. Bigelow. (Science n.s. xxxvii (1913), 714.)

See also **Bradley, J. C.**, and others.

**Nichols, E. L.**, editor. Physical Review, xxxv, 1912.

**Northup, C. S.**, joint author. An elementary English grammar with composition, by Miss A. Blount and C. S. Northup. Revised ed. New York, 1912. 8°. pp. x + (2) + 330.

— joint author. English composition for grammar grades, by Miss A. Blount and C. S. Northup. New York, 1913. 8°. pp. vii + (1) + 144. (Progressive Studies in English, iii.)

— Austria and her people. (Dial, liv (1913), 465.)

— A bibliography of Phi Beta Kappa, i. (Phi Beta Kappa Key, i, no. 12 (1913), 3.)

— Chaucer in prose. (Dial. liii (1912), 436.)

— A French study of Chaucer. (Same, liv (1913), 185.)

— The hope for peace. (Christian Register, xcii (1913), 344.)

— On a school play of 1648. (Englische Studien, xlv (1912), 154.)

— Recent studies of Gray. (Same, xlvi (1912), 114.)

— Ubi sunt heroes? (Mod. Lang. Notes, xxviii (1913), 106.)

— [Review of] W. M. Praed: sein Leben und seine Werke, von M. Kraupa. (Englische Studien, xlv (1912), 325.)

— coöperating editor. Jour. of English and Germanic Philology, 1912-13.

**Nussbaum, F. L.** The compromise tariff of 1833; a study in practical politics. (South Atlantic Quarterly, xi (1912), 337.)

**O'Brien, W. J.** See **Dennis, L. M.**, and **W. J. O'Brien**.

**Ogden, H. N.** Imhoff tanks. (Proc. of the Amer. Soc. of Municipal Improvements (1912), 74.)

— Inspection of city water supplies: Cortland. (32d Annual Report of the N. Y. State Dept. of Health, (1911), 1070.)

— Investigation of complaints relating to stream pollution: Olean. (Same, (1911), 829.)

— Investigation of outbreaks of typhoid fever: Gloversville—Canastota. (Same, (1911), 802, 810.)

— Investigation of public nuisances not arising from stream pollution: Watkins. (Same, (1911), 856.)

— Investigation of sanitary conditions of cities and villages: Kingston—Lockport—Oneonta. (Same, (1911), 882.)

— Investigations ordered by the Governor: Onondaga Lake. (Same, (1911), 864.)

— Pollution of inter-state waters. (Same, (1911), 1161.)

— The public control of non-navigable streams from a sanitary standpoint. (Jour. of the Cleveland Engineering Soc., v (1913), 213.)

Also in Engineering-Contracting, xxxix (1913), 361.

— Rural sanitation in New York State. (Proc. of the Annual Conference of the Health Officers of the State of New York, (1912), 141.)

Also in the *Med. Rev. of Reviews*, xix (1913), 204 and in the *North Amer. Jour. of Homeopathy*, (1913).

**Olmsted, E. W.** Cornell's musical clubs. (*Cornell Era*, xlv (1913), 235.)

— The reed. (*Neale's Monthly*, i (1913), 76.)

— To a dancing girl (villanelle). (Same, i (1913), 397.)

— and **A. Gordon.** Gramática castellana: a Spanish grammar for schools and colleges, 2d ed. New York, 1912. sm. 8°. pp. xii + 519.

**Orndorff, W. R., and E. H. Nichols.** Octochloroindigo and some derivatives of tetrachloroanthranilic and tetrachlorophthalic acids. (*Amer. Chem. Jour.*, xlviii (1912), 473.)

**Orth, S. P.** Socialism and democracy in Europe. New York, 1913. sm. 8°. pp. iv + (1) + 352.

— The battle line of labor: The armies of the trusts and of the wage earners; The warfare; The price of turmoil; Will there always be war? (*World's Work*, xxv (1912-1913), 49, 197, 275, 431.)

— Democracy in Europe. (*North Amer. Rev.*, cx cvi (1912), 406.)

— Destiny of America wrapped up in that of England. [Review of *Invincible alliance*, by F. Grierson.] (*N. Y. Times, Sunday Mag.*, 30 March, 1913.)

— England's co-operative movement affects millions. Same, 6 Oct., 1912.)

— The French Socialist National Convention of 1911 at St. Quentin. (Same, 20 Oct., 1912.)

— The German meat famine. (Same, 1 Dec., 1912.)

— Germany; a model or a warning? (*World's Work*, xxiv (1913), 315.)

— Germany and England's attitude toward trusts. (Same, xxv (1913), 679.)

— Germany, the land of efficiency. (*N. Y. Times, Sunday Mag.*, 8 Sept., 1912.)

— The trust problem in Germany. (Same, 15 Sept., 1912.)

— [Review of] *La gestion par l'état et par les municipalités*, par Y. Guyot. (*Political Science Quarterly*, xxviii (1913), 338.)

**Rahe, A. H.** Studies in canine distemper. (*Jour. of Med. Research*, xxvii (1913), 291.)

**Ranum, A.** Lobachevskian polygons trigonometrically equivalent to the triangle. (*Jahresbericht der Deutschen Mathematiker-Vereinigung*, xxi (1913), 228.)

— On the projective differential geometry of  $n$ -dimensional spreads generated by  $\infty^1$  flats. (*Annali di Matematica Pura ed Applicata*, xix (1912), 205.)

— [Review of] *Non-euclidean geometry*, by R. Bonola and H. S. Carslaw. (*Bull. of the Amer. Math. Soc.*, xix (1912), 22.)

— editor. *Bulletin of the American Mathematical Society*. 1912-13.

**Recknagel, A. B.** Border cuttings. Washington, D. C., 1912. 8°. pp. 8. Illus.

— The theory and practice of working plans (forest organization). 1st ed. New York, 1913. 8°. pp. xii + (1) + 235. Illus.

— Border cuttings; a suggested departure in American silviculture. (*Proc. of the Soc. of Amer. Foresters*, vii (1912), 145.)

— County, town and village forests. (*Cornell Reading Courses: Lesson for the Farm*, ii (1913), 146.)

— European study for foresters. (*Forestry Quarterly*, x, (1912), 417.)

— Some aspects of European forestry. (Same, xi (1913), 42, 53, 135, 143.)

— Some developments in European forestry. (*Yale Forest School News*, i (1913), 4.)

**Reddick, D.** The apple scab situation. (*Proc. of the West. N. Y. Hort. Soc.*, (1913), 86.)

— Brown rot canker of the peach. (*Proc. of the N. Y. State Fruit Growers' Assoc.*, (1913), 61.)

— Diseases of the violet. (*Trans. of the Mass. Hort. Soc.*, (1913), 85.)

— Factors influencing successful orchard spraying; New York State Orchard spraying. (*Proc. of the N. Y. State Fruit Growers' Assoc.*, (1913), 51.)

— Onion smut. (*Proc. of the Western N. Y. Hort. Soc.*, (1913), 194.)



- Reed, H. D.** See **Bradley, J. C.**, and others.
- Reese, R. G.** Dystrophia epithelialis corneae. (Ophthalmic Rec., xxii (1913), 131.)
- Read at the N. Y. Academy of Medicine, Nov. 18, 1912
- Rhodes, F. H.** The detection and determination of cyanogen and hydrogen cyanide. (Jour. of Industrial and Engineering Chem., iv (1912), 562.)
- Richards, J. H.** The Wassermann reaction in diabetes mellitus with special reference to its relation to acidosis. (Jour. of the Amer. Med. Assoc., lx (1913), 1139.)
- Riche, J. A.** See **Lusk, G.**, editor. Animal calorimetry, II, III, V, VI.
- Richtmyer, F. K.** Correcting the Hefner lamp for humidity. (Illuminating Engineer, v (1912), 397.)
- Some phenomena of physiological optics. (Good Lighting, i (1913), 156.)
- Riegger, H. E.** Bells and chimes, with particular reference to those at Cornell University. Ithaca, 1913. 8° pp. 20. Photo-engrs.
- Ries, H.** Building stones and clay products. 1st ed. New York, 1912. 8° pp. xv + 415. Illus.
- Fire clay deposits of Canada. (Bull. of the Amer. Institution of Mining Engineers, no 75 (1913), 429.)
- Results of tests on some bricks from the provinces of Western Canada. (Trans. of the Amer. Ceramic Soc., xiv (1912), 82.)
- [Review of] Mineralogy, by A. H. Phillips. (Eng. News, lxxviii (1912), 1121.)
- Riley, W. A.** Notes on animal parasites and parasitism. Ithaca, 1912. 8° pp. 55.
- Concurrent infection by five species of intestinal worms, including schistosoma mansoni. (Science, n.s. xxxvi (1912), 531.)
- Some remarkable discoveries regarding a common household insect. (Same, n.s. xxxvi (1912), 865.)
- Some sources of laboratory material for work on the relations of insects to disease. (Entomol. News, xxiv (1913), 172.)
- [Reviews of] The depths of the ocean, by J. Murray and J. Hjort. (Nation, xcvi (1913), 17.) Injurious insects, how to recognize and control them, by W. C. O'Kane. (Same, xcvi (1913), 314.); The life and love of an insect, by J. H. Fabre; translated by A. Teixeira de Mattos. (Same, xciv (1912), 645.); Life of the Spider, by J. H. Fabre, translated by A. Teixeira de Mattos. (Same, xcvi (1913), 579.); Moths of the Limberlost, by G. Stratton-Porter. (Same, xcv (1912), 217.); Social life in the insect world, by J. H. Fabre; translated by B. Miall. (Same, xcv (1912), 109.)
- See also **Bradley, J. C.**, and others
- Rogers, C. A.** Constitutional vigor in poultry. (Bull. of the Cornell University Agr. Exp. Sta., no. 318 (1912), 569.)
- Improved New York State gasoline-heated colony-house brooding system. (Circular of the Cornell University Agr. Exp. Sta., no. 16 (1913), 33.)
- Working plans of Cornell poultry houses. (Same, no. 14 (1912), 5.)
- editor. Proceedings of the International Association of Instructors and Investigators in Poultry Husbandry. 1912.
- Roper, J. C.** Bronchitis. (Reference Handbook of the Medical Sciences, ii (1913), 489.)
- Rose, F.** Cost of food. (Cornell Reading Courses: Lesson for the Farm Home, ii (1913), 41.)
- The preservation of food in the home. Pt. ii-iii. (Same, i (1912), 282, 297.)
- Rosenbaum, J.** Experiment on the control of the "fiber rot or rust" of ginseng. (Special Crops, xi (1912), 186.)
- Formalin treatment of seed-beds of ginseng. (Same, xi (1912), 182.)
- Fungicides for ginseng. (Same, xi (1912), 207.)
- Infection experiments with thielavia basicola on ginseng. (Phytopathology, ii (1912), 192.)

**Ross, H. E.** Composition of milk and some of its products. (Cornell Reading Courses: Lesson for the Farm, ii (1913), 61.)

**Ruckmich, C. A.** History and status of psychology in the United States. (Amer. Jour. of Psychology, xxiii (1912), 517.)

— A note on apparatus. (Psychological Bull., ix (1912), 247.)

— The use of the term 'function' in English textbooks of psychology. (Amer. Jour. of Psychology, xxiv (1913), 99.)

— joint author. New apparatus for acoustical experiments, by M. Bentley, E. G. Boring, and C. A. Ruckmich. (Same, xxiii (1912), 509.)

— joint author. Psychology—Psychical research—Psychotherapy, by M. Bentley and C. A. Ruckmich. (New Internat. Yearbook (1912), 594.)

— [Reviews of] A beginner's history of philosophy, by H. E. Cushman. (Mind, n.s. xxi (1912), 458.); Handbook of mental examination methods, by S. I. Franz. (Philos. Rev., xxii (1913), 336.); Mental mechanisms, by W. A. White. (Same, xxii (1913), 335.)

**Sampson, M. W.,** editor. Milton's *L'allegro*, *Il penseroso*, *Comus* and *Lycidas*; edited by M. W. Sampson. New York, 1912. 16°. pp. xxxii + 96. Port. (English readings for schools.)

— editor. Shakespeare's *The two gentlemen of Verona*. New York, 1912. 16°. pp. xvi + 118. (Tudor Shakespeare.)

**Savage, E. S.** Computing rations for farm animals. (Bull. of the Cornell University Agr. Exp. Sta., no. 321 (1912), 1.)

Also in Cornell Reading Courses: Lesson for the Farm, ii (1912), 1.

— A study of feeding standards for milk production. (Same, no. 323 (1912), 57.)

— editor. Tompkins County Breeders' Journal. Vol. 3. 1911-12.

**Schmidt, N.** Anne Fitzhugh Miller. (Addresses in Memory of Anne Fitzhugh Miller, (1912) 21.)

— Christian socialism. (Twentieth Century Mag., vi (1912), 69.)

— Christianity and the well being of man. [Adin Ballou Lecture.] (Quarterly Bull. of the Meadville Theological Seminary, viii (1913), 12.)

— The fundamental positions of the democratic party. (Cornell Daily Sun, 28 Oct., 1912.)

— Neutralize the air. (Bull. of the Aeroclub of Amer., i (1912), 16.)

— The way of the Lord. (Independent, lxxiii (1912), 405.)

— [Review of] Philosophy as a science; a synopsis of the writings of Paul Carus. (Internat. Jour. of Ethics, xxiii (1913), 374.)

**Schoder, E. W.** Facts about hydrant, hose, nozzle and first stream. (Proc. of the Central N. Y. Volunteer Firemen's Assoc., (1912), 58.)

— Kutter and Bazin formulas: notes on coefficients of roughness. (Engineering News, lxviii (1912), 351.)

— A method of plotting stage discharge data. (Engineering Rec., lxvi (1912), 138.)

**Schurman, J. G.** Cornell University: 20th annual report of President Schurman, 1911-12, with the treasurer's report, and the reports of the deans of faculties, directors of colleges, the registrar, the librarian, and other officers. Ithaca, 1912. 8°. pp. 47 + (1) + cxx. Folding tables. (Official Publications of Cornell University, vol. iii, no. 18.)

— Report of the New York State Veterinary College for the year 1911-1912, transmitted to the Legislature, January 27, 1913. Albany, 1913. 8°. pp. 182.

**Schwartz, H. J.** The complement fixation test in the differential diagnosis of acute and chronic gonococcic arthritis. (Amer. Jour. of the Med. Sciences, cxliv (1912), 369.)

— and **A. McNeil.** Further experiences with the complement fixation test in the diagnosis of gonococcus infections of the genito-urinary tract in the male and female. (Same, cxliv (1912), 815.)

**Sharpe, F. R.** The mechanical force between moving electric charges. (Physical Rev., xxxv (1912), 231.)

— [Review of] Dynamic meteorology and hydrography. Part I: Statics, by V. Bjerknes and J. W. Sandström. (Science, xxxvii (1913), 223.)



**Sicard, M. H.** Further experiences with the high calory diet in typhoid fever. (*Med. Rec.*, lxxxiii (1913), 523.)

**Silverman, L. L.** On the definition of the sum of a divergent series. Columbia, Mo., 1913. 8°. pp. vi + 96. (University of Missouri Studies: Mathematics Series, Vol. i no. 1.)

**Simpson, S.** Age as a factor in the effects which follow thyroidectomy and thyro-parathyroidectomy in the sheep. (*Quarterly Jour. of Exp. Physiol.*, vi (1913), 119.)

— The motor cortex and pyramid tract in the raccoon (*procyon lotor*, Linn.). (*Proc. of the Soc. for Exp. Biol. and Med.*, x (1912), 46.)

— The pyramid tract in the Canadian porcupine (*erethizon dorsatus*, Linn.) (Same, x (1912), 4.)

— The rate of growth in the dog. (Same, x (1913), 97.)

— The relation of external temperature to hibernation. (Same, x (1913), 180.)

[Papers from the laboratory of S. Simpson]: The effect of thyroid extirpation on the hypophysis cerebri in the rabbit, by Miss L. M. Degener. (*Quarterly Jour. of Exp. Physiol.*, vi (1913), 111.); Effect of thyroidectomy and castration, respectively, on the pituitary in the rabbit, by Miss L. M. Degener and A. E. Livingston. [*Proc. of the Amer. Physiol. Soc.*] (*Amer. Jour. of Physiol.*, xxxi (1913), xxiv.); Improved form of electrical drop recorder, by B. R. Macmillan. (*Quarterly Jour. of Exp. Physiol.*, vi (1913), 109.)

**Smith, F. M.** On the charm of college in summer. (*Independent*, lxxiv (1913), 1332.)

**Snyder, V.** Fifth International Congress of Mathematicians. (*Bull. of the Amer. Math. Soc.*, xix (1912), 107.)

— Fifth International Congress of Mathematicians, sectional meetings (Same, xix (1912), 175.)

— Münster meeting of the Deutsche Mathematiker-Vereinigung. (Same, xix (1913), 191.)

— Surfaces invariant under infinite discontinuous groups of birational transformations. (*Trans. of the Amer. Math. Soc.*, xiv (1913), 105.)

— [Review of] A treatise on the analytic geometry of three dimensions, by G. Salmon. (*Bull. of the Amer. Math. Soc.*, xix (1912), 80.)

— and **J. I. Hutchinson.** Elementary text-book on the calculus. New York, 1912. 8°. pp. 353.

— editor. Bulletin of the American Mathematical Society. 1913.

— editor. Hart and Feldman's Plane and Solid geometry. New York, 1912. 8°. pp. 488.)

— editor. Hart and Feldman's Solid geometry. New York, 1912. 8°. pp. xvi + 299 — 486.

**Spedden, E. R.** Apostrophe to Easter. (*Northern Christian Advocate*, lxxxviii (1913),.)

— Reaching the world market. (*Business America*, xiv (1913),.)

**Sprigg, E.** From carpenter to general builder. (*Amer. Carpenter and Builder*, xii (1912), 36.)

**Spring, S. N.** Appendix. (Report of the Special Commission on Taxation of Woodland, State of Connecticut, Hartford, Conn., Dec., 1912.)

Field work and preparation of appendix done under his direction as State Forester of Conn. and member and secretary of the Commission.

— Forest planting in Connecticut. (Report of the Conn. Agr. Exp. Sta., (1912), 485.)

— Forests and taxation. (*Cornell Countryman*, x (1913), 228.)

**Stevenson, R. L.** Coöperation in University laboratory work. (*Proc. of the Soc. for the Promotion of Engineering Education*, xxi (1913).)

**Stewart, V. B.** The fire blight disease and its control in nursery stock. (*Circular of the N. Y. Agr. Exp. Sta.*, no. 20 (1913), 85.)

— The fire blight disease in nursery stock. (*Bull. of the N. Y. Agr. Exp. Sta.*, no. 329 (1913), 315.)

— Injury of nursery stock in storage. (*National Nurseryman*, xxi (1913), 232.)

**Stockard, C. R.** The artificial production of structural arrests and racial degeneration. (*Trans. of the N. Y. Pathological Soc.* (1913).

— An experimental study of racial degeneration in mammals treated with alcohol. (*Archives of Internal Med.*, x (1912), 369.)

— Is the control of embryonic development a practical problem? (*Proc. of the Amer. Philos. Soc.*, li (1912), 191.)

— The location of the optic anlage in amblystoma and the interpretation of certain eye defects. (*Proc. of the Soc. of Exp. Biol. and Med.*, x (1913), 162.)

— and **D. M. Craig.** An experimental study of the influence of alcohol on the germ cells and the developing embryos of mammals. (*Archiv für Entwicklungs-mechanik der Organismen*, xxxv (1912), 569.)

**Stone, J. L.** What the College of Agriculture is doing to help students get practical experience on farms. (*Cornell Countryman*, x (1913), 280.)

**Sunderville, E., and C. P. Fitch.** A note on the anatomical relationship and nomenclature of the so-called plexiform ganglion of the dog in connection with the diagnosis of rabies. (Report of the N. Y. State Vet. Coll. (1911-1912), 165.)

**Tanner, J. H.,** editor. Hart and Feldman's Plane and solid geometry. New York, 1912. 8°. pp. 488.

— editor. Hart and Feldman's Solid geometry. New York, 1912. 8°. pp. xvi + 299 — 486.

**Tarr, R. S., and O. D. von Engel.** A laboratory manual for physical and commercial geography. New York, 1913. 8°. pp. vii + 214.

**Thilly, F.** Friedrich Albert Lange. (*Cyclopedia of Education*, iii (1913), 623.)

— Friedrich Paulsen. (Same, iv (1913), 614.)

— Philosophy. (*New Internat. Year Book* (1912), 524.)

— Relation of consciousness and object in sense-perception. (*Philos. Rev.*, xxi (1912), 415.)

— Romanticism and rationalism; presidential address before the Amer. Philos. Assoc., Columbia University, Dec. 27, 1912. (Same, xxi (1913), 107.)

— Thomas Hill Green. (*Cyclopedia of Education*, iii (1913), 176.)

— editor. *International Journal of Ethics*, 1912-1913.

**Thompson, W. G.** The educational value of the trained nurse; address, commencement exercises, School of Nursing, May 18, 1911, The Presbyterian Hospital in the City of New York. [New York, 1912.] 8°. pp. 10.

— Centennarians and nonagenarians. (*N. Y. Med. Rec.*, lxxxiii (1913), 277.)

— Industrial lead poisoning. (8th Internat. Congress of Applied Chem., xvi (1912), 49.)

— Occupational poisoning in chemical trades. (*Jour. of Industrial and Engineering Chem.*, iv (1912), 454.)

— Prevention of occupational diseases. (*N. Y. State Jour. of Med.*, xiii (1913), 96.)

**Titchener, E. B.** Professor Martin on the Perky experiments. (*Amer. Jour. of Psychol.*, xxiv (1913), 124.)

— Prolegomena to a study of introspection (Same, xxiii (1912), 427.)

— The schema of introspection (Same, xxiii (1912), 485.)

— and **W. S. Foster.** A bibliography of the scientific writings of Wilhelm Wundt. (Same, xxiii (1912), 532.)

— A list of the writings of James Ward. (Same, xxiii (1912), 457.)

— American editor. *Mind*, a Quarterly Review of Psychology and Philosophy, 1912-13.

— associate editor. *The American Journal of Psychology*, 1912-13.

— editor. *Cornell University Studies in Psychology*. No. 74. **E. Jacobson.** Further experiments on the inhibition of sensations. (*Amer. Jour. of Psychol.*, xxiii (1912), 345.)

— Same. 75. **M. B. Utley, E. G. Boring, and C. A. Ruckmich.** New apparatus for acoustical experiments. (Same, xxiii (1912), 509.)



— Same. 76. C. A. Ruckmich. The history and status of psychology in the United States. (Same, xxiii (1912), 517.)

— Same. 77. L. M. Day. The effect of illumination on peripheral vision. (Same, xxiii (1912), 533.)

— Same. 78. C. A. Ruckmich. The use of the term 'function' in English text-books of psychology. (Same, xxiv (1913), 99.)

— Same. 79. E. G. Boring. Introspection in dementia precox. (Same, xxiv (1913), 1451.)

**Torrey, J. C.** Studies in canine distemper, by ———. (Jour. of Medical Research, xviii (1913), 291.)

**Tuttle, E. M.,** associate editor. Cornell Rural School Leaflet, vi, no. 2-6, 1912-13.

**Tuttle, J. R.** [Reviews of] A brief history of modern philosophy, by H. Höfding; translated by C. F. Sanders. (Philos. Rev., xxii (1913), 338.); A contribution to a bibliography of Henri Bergson. (Same, p. 339.); Erkennen und Leben, von R. Eucken. (Same, p. 339.); The science of logic, by P. Coffey. (Same, p. 90.); William James, by E. Boutroux; translated by A. and B. Henderson. (Same, p. 88.)

**Udall, D. H.** Veterinarian's handbook of materia medica and therapeutics. Ithaca, N. Y., 1912. 16°. pp. 178.

— A report on the outbreak of cerebro-spinal meningitis (encephalitis) in horses in Kansas and Nebraska in 1912. (Cornell Veterinarian, iii (1913), 17.)

— editor. Cornell Veterinarian, 1913.

**Ulbricht, T. C.** See **Hirshfeld, C. F.,** and **T. C. Ulbricht.**

**Upton, G. B.** A peculiar relation in torsion loading. (Sibley Jour., xxvii (1913), 373.)

— Specific heats of gases for engineering calculations (Same, xxvii (1913), 259.)

— and **A. W. Gilbert.** An algebra of mendelism and its application to a mixed hybrid population. (Proc. of the Amer. Breeders Assoc., vii (1912), 312.)

— and **G. W. Lewis.** The development of a toughness or fatigue testing machine. (Amer. Machinist, xxxvii (1912), 633, 678.)

**Usher, A. P.** A college education. (Cornell Era, xlv (1913), 491.)

— [Reviews of] Common land and inclosure, by E. C. K. Gonner. (Annals of the Amer. Academy of Political and Social Science, xlv (1912), 162); England's industrial development, by A. D. Innes. (Same, xlvi (1913), 216.); Oxford studies in social and legal history, edited by P. Vinogradoff. (Same, xlvii (1913), 315.); Studies in the history of English commerce in the Tudor period, by V. Gerson and N. R. Deardorff. (Same, xlv (1913), 280.)

**Vandegrift, G. W.** Edema of the lids. (N. Y. Med. Jour., xcvi (1913), 110.)

— The etiology of iritis. (Med. Rec., lxxxiii (1913), 341.)

— The treatment of interstitial keratitis by salvarsan. (Same, lxxxii (1912), 760.)

**Van Rensselaer, M.** Household bacteriology. (Cornell Reading Courses: Lesson for the Farm Home, ii (1913), 53.)

— joint author. Saving strength, by E. M. Bishop and M. Van Rensselaer. (Same, ii (1912), 1.)

— editor. Cornell Reading Courses: Lesson for the Farm Home, July 1912-June 1913.

**von Engeln, O. D.** Excursions and laboratory outlines, recitation assignments, examination schedule, and general directions for students. Course: Geology I. Ithaca, 1912. 8°. pp. 16.

— A guide for laboratory geography teaching. New York, 1913. 8°. pp. iv + 20.

— Existing glaciers of the western hemisphere. (Annals of the Assoc. of Amer. Geographers, i (1911) 111.)

— A method for combining the topical, regional and cultural phases of physiography study in the laboratory. (Same, i (1911), 148.)

— See also **Tarr, R. S.,** and **O. D. von Engeln.**

**Ward, G. G., jr.** The causes and results of constipation in relation to pelvic disorders of women. (N. Y. Med. Jour., xcv (1912), 1309.)

— A further report on the relation of thyroidism to the toxæmia of pregnancy. (Surgery, Gynecology and Obstetrics, xiv (1912), 192.)

— Some aids to the bimanual examination of the uterine adnexa. (Post-Graduate, xxvii (1912), 863.)

**Warren, G. F.** Farm management. New York, 1913. sm. 8°. pp. xviii + 590. (Rural text-book series.)

— Education in agriculture. (Bull. of the N. Y. State Education Dept.: Proc. of the 27th Annual Meeting of the Association of Academic Principals and Elementary School Principals and Teachers, Syracuse, 1911, p. 58.)

— The importance of the place in the rotation at which fertilizers are applied. (Proc. of the Amer. Soc. of Agronomy, iv (1912), 58.)

— The institution farm. (Proc. of the Conference of Agricultural Education for Dependent and Delinquent Boys; N. Y. Child Welfare Committee, (1912), 9.)

— The relationship of hay and forage problems to farm management. 15th Texas Farmers' Congress, 1912. (Bull. of the Texas Dept. of Agr., no. 29 (1913), 208.)

— Some business questions involved in the interpretation of fertilizer tests. (Proc. of the Amer. Soc. of Agronomy, iv (1912), 62.)

— Some factors of successful farm management. 15th Texas Farmers' Congress, 1912. (Bull. of the Texas Dept. of Agr., no. 29 (1913), 122.)

**Weil, R.** The nature of anaphylaxis. (Jour. of Med. Research, xxvii (1913), 497.)

— On a new factor in passive anaphylaxis. (Proc. of the Soc. for Exp. Biol. and Med., x (1913), 110.)

— and **A. F. Coca.** The nature of anti-anaphylaxis. (Zeitschrift für Immunitätsforschung, xvii (1913), 141.)

**Weld, H. P.** The Clark meeting of experimental psychologists. (Psychol. Bull., ix (1912), 236.)

— An experimental study of musical enjoyment. (Amer. Jour. of Psychol., xxiii (1912), 243.)

— [Review of] Experimental psychology and pedagogy, by R. Schulze. (Same, xxiv (1913), 292.)

**Whipple, G. M.** Are we afraid of competition? (Jour. of Educational Psychol., iii (1912), 474.)

— The correlation of the four ages: a neglected field of investigation. (Same, iii (1912), 410.)

— The ethics of patented education. (Same, iii (1912), 344.)

— Eye movements in reading. (Education, xxxiii (1913), 552.)

— Foreign-language teaching in German schools. (School and Home Education, xxxii (1912), 123.)

— German teachers and some observations on the Forest-School at Charlottenburg. (Same, xxxii (1913), 201.)

— Meningitis. (Cyclopedia of Education, iv (1913), 194.)

— Menstruation. (Same, iv (1913), 195.)

— Mumps. (Same, iv (1913), 328.)

— Notes on English schools. (School and Home Education, xxxii (1913), 283.)

— Ophthalmia neonatorum. (Cyclopedia of Education, iv (1913), 552.)

— Psychology of testimony and report. (Psychological Bull., ix (1912), 264.)

— Rate of mortality among Children. (Cyclopedia of Education, iv (1913), 320.)

— The school psychologist in London. (Jour. of Educational Psychol. iv (1913), 176.)

— Some recent literature on criminology. (Same, iv (1913), 46.)

— Tests of hearing. (Cyclopedia of Education, ii (1911), 383.)

— [Reviews of] Enzyklopädisches Handbuch des Kinderschutzes und der Jugend-fürsorge. (Jour. of Educational Psychology, iii (1912), 587.); Experi-



mental psychologie und Berufswahle, by H. Münsterberg. (Same, iii (1912), 468.); Suggestion and psychotherapy, by G. W. Jacoby. (Same, iv (1913), 104.); Les témoignages d'enfants dans un proces retentissant, by J. Varendonck. (Jour. of Criminal Law and Criminology, iv (1913), 150.)

— editor. Educational Psychology Monographs. Nos. 7-9.

— associate editor. Journal of the American Institute of Criminal Law and Criminology. 1912-1913.

— co-editor. The Journal of Educational Psychology. 1912-1913.

**Wiggers, C. J.** Studies on the pulmonary circulation. 1. The pressure variations in the pulmonary circulation of the dog studied by a new pulse pressure instrument. (Amer. Jour. of Physiology, xxx (1912), 233.)

— and **E. F. Du Bois.** Methods for the production of temporary valvular lesions. (Proc. of the Soc. for Exp. Biol. and Med., x (1913), 87.)

**Wilder, B. G.** Ode to life savers. Words and music. Quartet.

— Old Ironsides. Words by Oliver Wendell Holmes. Song for baritone or bass. Boston, The Oliver Ditson Company, 1912. 4°. pp.5.

— Assails fox hunting. Likens the sport to lynching by mobs. Letter to the editor. (Washington (D. C.) Post, 28 Nov., 1912.)

— The brain as a guide to the affinities of vertebrates, read before the Biological Society of Washington, 8 Feb., 1913. Abstract. (Science, n.s. xxxvii (1913), 426.)

— The British dilemma; a new proposal is made for coping with the hunger strike. Letter to the editor. (New York Tribune, 5 Apr., 1913.)

— Charles Carroll Soule; an appreciation. Letter to the editor. (The Brookline (Mass.) Chronicle, 1 Feb., 1913, p. 4.)

— Daniel Lyon's brain weighed 24 ounces. Letter to the editor. (New York Tribune, 30 Aug., 1911.)

— Electrical men of the times: Vladimir Karapetoff. (Popular Electricity Mag., v (1913), 1334.)

— The elusive correspondent; letter writers should give street addresses. Letter to the editor. (New York Tribune, 15 Jan., 1913.)

— Gov. Wilson on March 3; suggests a smokeless Princeton smoker. Letter to the editor. (New York Tribune, 24 Feb., 1913.)

— Is the academic costume worth while? Letter to the editor. (Science, n.s. xxxvii (1913), 178.)

— The methods of a veteran investigator and teacher. Letter to the editor. (Science, n.s. xxxiv (1911), 121.)

Reprinted with the paper "Some mistakes by the writer and others."

— The name and brain of the gar. Letter to the editor. (Science, n.s. xxxv (1912), 691.)

Reprinted as a four page leaflet.

— Raps official handshaking; custom snobbish and wastes the public servant. Letter to the editor. (New York Tribune, 9 Jan., 1913.)

— Rebukes public smoking. Letter to the editor. (Boston Daily Traveler, 15 Dec., 1911.)

— Some misapprehensions as to the brain. Letter to the editor. (Boston Daily Globe, 15 Sept., 1912.)

— A tribute to integrity; tells of incidents in Whitelaw Reid's life. Letter to the editor. (New York Tribune, 24 Dec., 1912.)

— Valedictory; views on student conduct. Interview. (New York Tribune, 15 June, 1911.)

Reprinted in Ithaca Daily Jour. of same date and as a leaflet.

— The weight of Gambetta's brain. Letter to the editor. (New York Tribune, 26 Aug., 1911.)

**Wilkinson, A. E.** Modern strawberry growing. Garden City, N. Y., 1913. 8°. pp. 210. (Garden library.)

— The flower garden. (Cornell Reading Courses: Lesson for the Farm Home, ii (1913), 106.)

— Home-garden planning. (Cornell Reading Courses: Lesson for the Farm, ii (1913), 73.)

- Hotbed construction and management. (Same, ii (1912), 45.)
- Some interesting figures on the cabbage industry. (Market Growers Jour., xii (1913), no. 13.)
- Spraying celery. (Vegetable Grower, n.s. iii (1913), 7.)
- Value of a garden to the farm and home. (Tribune Farmer, xii (1913), no. 597.)
- Vegetable gardening. (Cornell Reading Courses: Lesson for the Farm Home, ii (1913), 73.)
- Willcox, W. F.** City and country boys; letter to New York Evening Post. (N. Y. Evening Post, 7 Feb., 1913.)
- Indexes of progress; letter to New York Evening Post. (N. Y. Evening Post, 22 Jan. 1913.)
- Ithaca's relation to other cities. (Ithaca Daily News, 29 May, 1913.)
- A lesson in divorce; letter to New York Times. (N. Y. Times, 6 Dec., 1912.)
- Letter as to candidacy of Prof. Hayes for Justice of Supreme Court. (Cornell Daily Sun, 4 Nov., 1912.)
- Mortality according to marital condition. (Monthly Bull., N. Y. State Dept. of Health, n.s. viii (1913), 134.)
- The need of social statistics as an aid to the courts; annual report as president of the American Statistical Association. (Quarterly Publication of the Amer. Statistical Assoc., xiii (1913), 329.)
- Also in the Amer. Law Rev., xlvii (1913), 259, and the Amer. Jour. of Sociology, xviii (1913), 601.)
- Problems of population. (Amer. Year Book, (1913), 364.)
- Report on cost of student board and lodging. (Official Publications of Cornell University, iii, no. 18: President's Report, (1911-12), lxxxix.)
- Special report on vital statistics. (32d Annual Report of the N. Y. State Dept. of Health, (1911), 233.)
- A statistician's idea of progress. (Internat. Jour. of Ethics, xxiii (1913), 270.)
- Statistics at the XIVth International Congress on Hygiene and Demography. (Quarterly Publication of the Amer. Stat. Assoc., xiii (1912), 191.)
- Statistics at the XVth International Congress on Hygiene and Demography, Washington, Sept. 23-28, 1912. Same, xiii (1912), 298.)
- [Review of] The control of trusts, by J. B. Clark and J. M. Clark. (Amherst Graduates' Quarterly, ii (1913), 251.)
- Williams, E. L.** Report of the treasurer of Cornell University for the fiscal year ending August 1, 1912. Ithaca, N. Y., 1912. 8°. pp. 66. (Official Publications of Cornell University, vol. iii, no. C.)
- Williams, H. S.** Recurrent tropidoleptus zones of the Upper Devonian in New York. Washington, 1913. 1.8°. pp. 103. Illus. (U. S. Geological Survey. Professional paper 79.)
- Correlation of the paleozoic faunas of the Eastport Quadrangle, Maine. (Bull. of the Geological Soc. of Amer., xxiii (1912), 349.)
- Some new mollusca from the Silurian formations of Washington County, Maine. (Proc. of the U. S. National Museum, xlii (1912), 381.)
- Williams, W. L.** Sterility in cattle. (Annual Report of the Amer. Vet. Med. Assoc., (1912), 261.)
- and others. Abortion and sterility in cattle, by W. L. Williams with the collaboration of C. P. Fitch, J. N. Frost, and R. R. Bolton. (Report of the N. Y. State Vet. Coll. (1911-1912), 79.)
- Contagious abortion, by W. L. Williams with the collaboration of J. N. Frost, C. P. Fitch, and R. R. Bolton. (16th Annual Meeting of the U. S. Live Stock Sanitary Assoc. (1912), 111.)
- Wilson, C. S.** Culture of red and black raspberries and of purple-cane varieties. (Cornell Reading Courses: Lesson for the Farm, ii (1913), 105.)
- The culture of the currant and gooseberry. (Same, i (1912), 197.)
- Wilson, W. M.** The farm climate and the yield of corn. (Tribune Farmer, 13 Feb., 1913.)



- Fitting crops to local climate. (Same, 16 Jan., 1913.)
- Frosts and frost protection. (Same, 6 Feb., 1913.)
- Local and general climate in relation to fruit culture. (Same, 20 Feb., 1913.)
- Monthly climatological summary for the North Atlantic States. (Monthly Weather Rev., xl-xli (1912-1913).)
- Winans, J. A. Concerning voice training. (Public Speaking Rev., ii (1912) 108.)
- Judging debates. (Same, ii (1913), 187.)
- More about voice training. (Same, ii (1913), 171.)
- What is good "Contest literature"? (Same, ii (1913), 165.)
- Wing, H. H. Milk and its products, a treatise upon the nature and qualities of dairy milk and the manufacture of butter and cheese. Revised and enlarged. New York, 1913. sm. 8°. pp. xv + 433. Illus. (Rural Science series.)
- Wing, L. A., joint author. The thyroid and its relation to pregnancy and the puerperal state, by J. W. Markoe and L. A. Wing. (Bull. of the Lying-In Hospital, of the City of New York, viii (1912), 153.)
- joint author. The thyroid in pregnancy; a report on an additional series of cases, by J. W. Markoe and L. A. Wing. (Same, ix (1913), no. 2.)
- Winters, J. E. Infant feeding in its relation to infant mortality.—Practical infant feeding.—Feeding formulas. [Read at the N. Y. Academy of Medicine before the Medical Assoc. of the Greater City of New York.] New York, 1912. 8°. pp. 20.
- Woodbury, R. M. Wages and ability. (Quarterly Jour. of Economics, xxvi (1912), 787.)
- Wright, A. H. Early records of the Carolina paroquet. (Auk, xxix (1912), 343.)
- Ein mundloser Karpfen. (Oesterreichische Fischerei-Zeitung, x (1913) 5.)
- The passenger pigeon; early historical records, 1534-1860. (Bird Lore, xv (1913), 85.)
- and A. A. Wright. Animals to be recognized in 1912-1913. (Cornell Rural School Leaflet, vi (1912), 82.)
- See also Bradley, J. C., and others.
- Zinnecker, W. D. [Review of] The philosophy of Schiller in its historical relations, by E. C. Wilm. (Philos. Rev., xxi (1912), 713.)

# APPENDIX

## TO THE

### REPORT OF THE LIBRARIAN

1912-1913

#### LIST OF DONORS OF BOOKS TO THE UNIVERSITY LIBRARY, INCLUDING THE SPECIAL LIBRARIES

	VOLS.		VOLS.
Abbott, C. C.....	1	American Society for Judicial Settlement of International Disputes .....	1
Academia Scientiarum Imperialis, St. Petersburg.....	2	American Society of Civil Engineers.....	3
Adams, A. G.....	1	American Society of Heating and Ventilating Engineers.....	2
Adams, J. Q.....	7	American Society of Mechanical Engineers .....	1
Adelaide University.....	1	American Vanadium Co.....	1
Agassiz Association.....	1	American Water Works Association .....	1
Alabama—State Departments...	2	Andrews, W. J.....	2
Alabama State Bar Association...	1	Anonymous .....	25
Albee, F. H.....	1	Apcar, Mrs. D. A.....	2
Albert I., Prince of Monaco.....	2	Arabian Horse Club of America...	1
Alexander, C. P.....	3	Asiatic Society of Bengal.....	6
Allen, T. E.....	1	Associated Advertising Clubs of America .....	2
Alliance Française.....	1	Association of Civil Engineers of Cornell University.....	8
American Association for International Conciliation.....	2	Association of Collegiate Alumnae .....	3
American Bankers' Association...	1	Association of Life Insurance Medical Directors.....	2
American Bar Association.....	1	Associazione Elettrotecnica Italiana .....	1
American Esperantist Co.....	1	Athens University.....	3
American Gas Institute.....	1	Atlantic Deeper Waterways Association .....	1
American Hampshire Sheep Association .....	1	Austen, W.....	1
American Institute of Architects..	2	Australia—Government Offices...	18
American Institute of Mining Engineers.....	1	Avery, E. M.....	1
American Irish Historical Society .....	2	Ayrshire Cattle Herd Society.....	3
American Iron and Steel Institute .....	1	Babcock, C.....	3
American Laryngological Association .....	1	Bache, L. S.....	1
American Laryngological, Rhinological and Otological Society..	1	Bagg, E.....	1
American Law Book Co.....	1	Bailey, E. J.....	25
American Medico-Psychological Association .....	2	Bailey, L. H.....	3
American Poland China Record Association .....	2		
American Scenic and Historic Preservation Society.....	2		
American Shropshire Association .....	1		



Balch, T. W.....	2	Cleveland Public Library.....	I
Ballou, Miss S. H.....	I	Clydesdale Horse Society.....	I
Banks, S. E.....	I	Cohnstaedt, L.....	I
Barton, S. E.....	I	Coimbra University.....	I
Bellows, H. P.....	I	Colorado—State Departments...	3
Bement, L. C.....	I	Columbia University.....	3
Berlin—Königliche Bibliothek...	2	Commercial Club of Chicago.....	I
Berlin University.....	29	Commercial Museum.....	I
Biological Society of Cornell University.....	I	Comstock, J. H.....	I
Blair, J. H.....	13	Connecticut—State Departments	14
Bodleian Library.....	I	Continental and Commercial National Bank of Chicago.....	I
Bogert, G. G.....	I	Continental Dorset Club.....	I
Bonsteel, J. A.....	I	Cook, M. T.....	I
Boring, E. G.....	I	Cooper, L.....	3
Boston—City Offices.....	6	Copenhagen—Royal Library.....	2
Boston Browning Society.....	I	Cornell Prohibition League.....	13
Bostwick, C. D.....	I	Cornell University—Colleges and Departments	326
Bourland, A. P.....	I	Corson, E. R.....	I
Bourne, J.....	2	Coutts, J.....	I
Bowditch, V. Y.....	2	Coville, L.....	22
Branner, J. C.....	2	Craig, A.....	I
Breslau University.....	2	Crane, T. F.....	20
Bretz, J. P.....	I	Crapo, H. H.....	2
Bristol, G. P.....	5	Crosby, C. R.....	5
British Columbia — Government Printer	I	Cuarto Congreso Científico.....	4
British Guiana — Government Offices	I	Cuba—Government Offices.....	I
Brodie, Mrs. J. F.....	I	Curtius, K.....	I
Brown, W. E.....	I	Danton, G. H.....	I
Brown University.....	I	Davidson, H.....	2
Brücke, (Die).....	I	De Garmo, C.....	15
Bryn Mawr College.....	5	Delaware State Society of the Cincinnati	I
Buchanan, J. Y.....	I	Democratic National Committee.	I
Bureau of Railway Economics.....	I	DeVries, T.....	I
Burr, G. L.....	50	Doubleday, Page & Co.....	I
Business Man's Publishing Co....	I	Dresbach, M.....	I
Cahn, A. E.....	I	Dublin University.....	4
California—State Departments..	2	Dugan, R. S.....	I
Cambridge, Mass.—City Offices..	I	Du Pont de Nemours (E. J.) Powder Co.....	3
Canada—Government Offices....	52	Durand, A. C.....	2
Carnegie Endowment for International Peace.....	4	Durham, C. L.....	3
Carnegie Institution of Washington	24	Durning-Lawrence, Sir E.....	I
Carpenter, R. C.....	3	Dutcher, G. M.....	I
Catterall, Mrs. R. C. H.....	I	Dwight, J. W.....	8
Caudell, A. N.....	I	Edinburgh University.....	I
Central Conference of American Rabbis	I	Edison Storage Battery Co.....	I
Chambers, J.....	I	Eggleston, W. G.....	I
Chicago—City Offices.....	9	Erlangen University.....	27
Chicago Academy of Sciences....	4	Eschenbrenner, Miss R. C.....	2
Chicago Pathological Society.....	I	Fagundes, A. A.....	I
Childs, J. L.....	I	Faust, A. B.....	2
Chili—Government Offices.....	I	Felt, E. P.....	I
Clark, H. W.....	2	Field Museum of Natural History.	3
Clark University.....	I	Financial Review of Reviews.....	3
Cleveland Chamber of Commerce.	I	Finch Collection	373
		Fish, P. A.....	I
		Fitch, W.....	2

Flint, A. ....	1	Hortay Pardo, C. de .....	2
Fordham, H. G. ....	1	Houghton, Mifflin Co. ....	1
Forest Research Institute. ....	1	Hourwich, I. A. ....	1
Formosan Government. ....	1	Howland, Mrs. H. M. ....	2
Foerster, R. F. ....	1	Hoy, D. F. ....	10
Fort Wayne, Ind.—City Offices. .	1	Hull, C. H. ....	35
Foulke, W. D. ....	2	Huntington, A. M. ....	1
Freiburg University. ....	6	Hyde, J. ....	9
Friends' General Conference. ....	1	Hyde, W. W. ....	3
Funkhouser, W. D. ....	2	Illinois—State Departments. ....	8
Furlong, C. W. ....	1	Illinois Bar Association. ....	3
Gage, S. H. ....	3	Illinois State Historical Library. .	4
Garrett Biblical Institute. ....	4	Illinois Voters' League. ....	1
Gehring, A. ....	2	Illuminating Engineering Society. .	1
George Junior Republic Association .	1	India—Government Offices. ....	9
Georgia—State Departments. ....	2a	Indiana State Bar Association. ....	1
Germanistic Society of America. .	1	Ingersoll, Miss E. S. ....	1
Gifford, J. ....	1	Institute International de Statisti-	
Glasgow Iron Co. ....	1	que .....	3
Glasgow University. ....	1	Institution of Civil Engineers. ....	1
Gloucester, Mass.—City Offices. .	1	Institution of Mechanical En-	
Goodbread, D. ....	1	gineers. ....	5
Gospel Trumpet Co. ....	3	Inter-Collegiate Association of	
Göttingen University. ....	18	Amateur Athletes of America. .	1
Grand Rapids, Mich.—City		International Congress of Ameri-	
Offices .....	3	canists .....	2
Great Britain — Government		International Railway Congress. .	1
Offices .....	244	International Textbook Co. ....	6
Green, S. A. ....	1	Iowa—State Departments. ....	5
Greeno, F. L. ....	2	Iowa State Horticultural Society. .	3
Griffis, W. E. ....	92	Irvine, F. ....	1
Griswold, H. D. ....	2	Italy—Government Offices. ....	4
Groat, G. G. ....	1	Jahr, T. ....	1
Groningen University. ....	3	Janet, C. ....	1
Grönland — Kommissionen for		Japan—Government Offices. ....	2
Ledelsen .....	7	Jenks, J. W. ....	40
Gwyer, F. W. ....	1	John Rylands Library. ....	1
Gwyther, R. F. ....	1	Johns Hopkins University. ....	1
Hakluyt Society. ....	1	Johnston, J. N. ....	1
Halle University. ....	19	Jones, F. A. ....	1
Hamilton, G. L. ....	3	Jones, T. S. ....	2
Hampden-Sidney College. ....	1	Jordan, E. ....	1
Hampshire Down Sheep Breeders'		Kahn, M. ....	1
Association .....	2	Kansas—State Departments. ....	5
Harper, M. W. ....	2	Kansas City—City Offices. ....	1
Harris, G. W. ....	50	Kansas State Historical Society. .	1
Hart, J. M. ....	82	Karapetoff, V. ....	14
Hartford, Conn.—City Offices. ....	1	Karlsruhe—Technische Hochschule	2
Harvard University .....	7	Kellogg, R. J. ....	1
Hastings, T. W. ....	1	Kemmerer, E. W. ....	1
Hayes, A. ....	1	Kent or Romney Marsh Sheep	
Hayes, Mrs. A. ....	5	Breeders' Association. ....	1
Haynes, I. S. ....	4	Kentucky Bar Association. ....	1
Hesse, B. C. ....	1	Kerr, A. C. ....	1
Hewett, W. T. ....	90	Kiel University. ....	8
Hewson, H. M. ....	1	Knight, C. F. ....	1
Hitchcock, C. C. ....	1	Kongliga Svenska Vetenskaps	
Hittell, J. B. ....	1	Akademien, Stockholm. ....	3
Holstein-Friesian Association. ....	4	Königlich-Bayerische Hof-und	
Hooker Electrochemical Co. ....	1	Staats-Bibliothek .....	2
		Königsberg University. ....	8



Korea—Government Offices.....	1	Municipal School of Technology, Manchester .....	1
Kyoto University .....	2	Murray, D. ....	1
Langdon, Miss I. ....	1	Museo Nacional de Buenos Aires.	1
Lansel, P. ....	1	Nammack, C. E. ....	1
Lansing, R. ....	12	Nasmyth, G. W. ....	1
Lawry, R. C. ....	1	National Academy of Sciences....	1
Legal Intelligencer .....	1	National Association of State Uni- versities .....	1
Leland Stanford Junior Univer- sity .....	1	National Association of Wool Manufacturers .....	1
Leverty, A. S. ....	1	National College Equal Suffrage League .....	1
Lieder, F. W. C. ....	1	National Economic League.....	1
Lincolnshire Curly-Coated Pig Breeders' Association.....	1	National Educational Association.	1
Lippert, G. ....	1	Natural Ice Association of America	1
Littleton, Mrs. M. W. ....	2	Naval War College.....	1
Livingston, A. A. ....	1	Nebraska—State Departments...	3
Lodeman, E. G. ....	1	New Brunswick—King's Printer..	4
Loffel, M. M. ....	1	New England Society in New York City .....	2
London University.....	5	New Hampshire—State Depart- ments .....	3
Los Angeles—City Offices.....	1	New Hampshire Historical Society	2
Loubat, Duc de.....	2	New Jersey—State Departments.	8
Louisiana—State Department ...	2	New Mexico—State Departments	1
Lowe, J. T. C. ....	1	New South Wales—Government Offices .....	5
Lucas, R. C. ....	1	New York (City)—City Offices...	21
Lund University.....	3	New York (State)—State Depart- ments .....	200
Lyle, H. H. M. ....	1	New York State Bar Association..	1
Lyon, J. B. Co. ....	5	New York Tax Reform Associa- tion .....	2
McClelland, C. K. ....	1	New York University.....	1
McCoy, L. H. ....	1	Newberry Library.....	1
Mack, W. B. ....	1	Nichols, C. L. ....	1
McKee, J. H. ....	1	Nipper, Mrs. C. W. ....	1
McMahon, J. ....	6	Norris, H. H. ....	1
Macomber, G. S. ....	1	North Carolina—State Depart- ments .....	2
Maine—State Departments.....	8	North Dakota—State Depart- ments .....	1
Marceau, E. ....	1	Northup, C. S. ....	7
Maryland—State Departments..	3	Northwestern University.....	1
Massachusetts—State Depart- ments .....	27	Norton, O. W. ....	1
Master Car and Locomotive Painters' Association.....	1	Notestein, W. ....	1
Matthews, A. ....	1	Nova Scotia—King's Printer.....	1
Maury, Miss C. J. ....	1	Nova Scotia Historical Society...	2
Meara, F. S. ....	1	Nutting, G. H. ....	1
Merck & Co. ....	1	Ohio—State Departments.....	7
Merritt Hydraulics Co. ....	1	Ohio State Bar Association.....	1
Michigan—State Departments...	20	Ohio State University.....	2
Mills, L. H. ....	1	Oklahoma—State Departments..	2
Minnesota—State Departments..	5	Oliver, Mrs. J. E. ....	10
Minnesota Historical Society....	1	Olmstead, A. T. ....	1
Mississippi—State Departments..	1	Olmsted, E. W. ....	1
Missouri—State Departments....	7	Ontario—King's Printer.....	4
Missouri Botanical Garden.....	3	Oregon—State Departments.....	1
Missouri State Bar Association...	2	Oriental Information Agency.....	3
Moffat, J. L. ....	11		
Moffat, R. B. ....	1		
Monroe, B. S. ....	4		
Moore, V. A. ....	5		
Morgan, J. P. ....	1		
Morgan, J. P. & Co. ....	1		
Mulford, W. ....	1		

Orleans, Duc d'.....	3	Royal Institute of British Archi-	
Orndorff, W. R.....	1	tects .....	2
Otago University Museum.....	1	Royal Society of London.....	2
Oxford Down Sheep Breeders'		Rural Publishing Co.....	1
Association .....	1	Russell, F. F.....	1
Oxford Historical Society.....	1	Russia—Comité Géologique.....	3
Pan American Union.....	3	Saby, R. S.....	1
Parvin, N. R.....	2	St. Andrews University.....	6
Pennock, C. J.....	1	St. John, T. M.....	1
Pennsylvania—State Departments	30	St. Louis—City Offices.....	1
Pennsylvania Chestnut Blight		Santiago, Chili — Biblioteca	
Conference .....	1	Nacional .....	43
Pennsylvania State College.....	1	Saskatchewan—King's Printer...	1
Percheron Society of America....	1	Sawyer, Mrs. M. C.....	1
Pérez, C. ....	1	Schlapp, M. G.....	1
Perkins, G. C.....	1	Schmidt, N.....	1
Perkins Institution.....	1	Schurman, J. G.....	40
Peru—Government Offices.....	3	Shepard Book Co.....	1
Peters, H. C.....	5	Shufeldt, R. W.....	4
Phi Beta Kappa Fraternity.....	1	Sibley, Mrs. H. O.....	1
Phi Delta Phi Fraternity.....	2	Silverman, A. ....	1
Philadelphia—City Offices.....	3	Silvestri-Falconieri, F. di.....	2
Philadelphia Commercial Museum	1	Snyder, V.....	1
Philes, E. J.....	2	Sociedad Científica Argentina....	2
Philippine Islands—Government		Society for the Preservation of	
Offices .....	3	Scenic and Historic Places.....	1
Philosophical Review.....	31	South Africa—Government Printer	1
Pittsburgh—City Offices.....	1	South Australia — Government	
Pleydell, A. C.....	1	Offices .....	8
Pope, P. R.....	2	South Carolina—State Depart-	
Porter, E. H.....	1	ments .....	1
Prange, Mrs. N. M. G.....	3	Springfield, Mass.—City Offices..	1
Prescott, F. C.....	1	Stagg, C. T.....	1
Prince Edward Island—Govern-		Stahl, J. J.....	2
ment Offices.....	1	Stanton, T.....	89
Princeton University.....	2	Stechert, G. E. & Co.....	2
Prosser, C. S.....	1	Stone & Webster.....	1
Protestant Episcopal Church in		Strassburg University.....	14
U. S.—General Convention....	2	Straus, Mrs. N.....	1
Prudential Insurance Co. of		Strong, A. H.....	1
America .....	2	Stuart-Howland Co.....	1
Queensland—Government Offices	4	Suffern & Son.....	1
Queensland Museum.....	1	Super, C. W.....	3
Railway Club of Pittsburgh.....	3	Taubenhaus, J.....	1
Rankin, J. J.....	40	Tennessee—State Departments..	1
Rantoul, R. S.....	1	Terquem, J. & Cie.....	1
Rattermann, H. A.....	1	Testimony Publishing Co.....	1
Raymond, G. L.....	2	Thelen, M.....	1
Raymond, P. E.....	1	Theological Seminary of the	
Reading Iron Co.....	1	Presbyterian Church in U. S....	1
Reed, H. D.....	1	Thompson, S.....	3
Reed, R. R.....	1	Thompson, W. G.....	1
Rennes University.....	2	Thomson, J. M.....	1
Rhode Island—State Depart-		Titsworth, P. E.....	1
ments.....	2	Tokyo University .....	3
Rich, J. L.....	1	Toulouse University.....	15
Riegger, H. E.....	1	Trade Mark Record.....	1
Ronald Press Co. ....	1	Trelease, W.....	3
Root, E.....	5	Turner, H. W.....	2
Royal Academy, Stockholm.....	1	Udall, D. H.....	1



Union Club.....	1	Virginia State Bar Association....	1
Union League of Philadelphia....	2	Von Engeln, O. D.....	2
United States — Government Offices .....	443	Wait, L. A.....	15
United States Brewers' Associa- tion .....	2	Walker, A. H.....	1
United States Mortgage & Trust Co .....	1	Warner, G. S.....	1
United States Trade Mark Asso- ciation .....	1	Warner, Mrs. L. B.....	46
Universidad de la Habana.....	1	Washburn, Miss M. F.....	1
Universidad de Santo Tomás.....	1	Washington—State Departments	1
University Club of New York City	1	Wason, C. W.....	7
University of Chicago.....	10	Weatherly, U. S.....	1
University of Cincinnati.....	1	Wellcome Chemical Research Laboratories.....	3
University of Illinois.....	8	West Virginia—State Departments	1
University of Liverpool.....	1	West Virginia Bar Association....	1
University of Manchester.....	1	Western Australia—Government Offices .....	1
University of Michigan.....	9	Whaling, Mrs. L. L. O.....	1
University of Minnesota.....	3	White, A. C.....	3
University of North Carolina.....	1	White, A. D.....	286
University of Pennsylvania.....	2	White, W. A.....	1
University of Pittsburgh.....	1	Whitfield, E. W.....	1
University of Sidney.....	1	Wilder, B. G.....	3
University of Toronto.....	3	Willcox, W. F.....	135
University of Washington.....	1	Williams, H. S.....	1
University of West Virginia.....	1	Williams College.....	1
University of Wisconsin.....	1	Wisconsin—State Departments..	10
University Society.....	1	Wisconsin Archaeological Society	1
Uppsala University.....	5	Wisconsin State Historical Society	4
Uruguay—Government Offices...	4	Wistar Institute.....	1
Van Hise, C. W.....	1	Wolf, C. G. L.....	1
Vedanta Centre.....	1	Woodruff, E. H.....	71
Vermont—State Departments...	2	World Peace Foundation.....	2
Victoria—Government Offices....	1	Wright, A. H.....	3
Virginia—State Departments....	5	Wright, B. C.....	1
		Wright, E. D.....	1
		Yale University.....	12

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Ambition	Art Institute of Chicago—Bulletin
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	Buffalo Live Wire
	Buffalo Medical Journal

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   Bulletin  
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 Chief  
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   Journal  
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 Ithaca Daily News  
 Journal of Ophthalmology, Otology  
   and Laryngology  
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